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ANGELES NATIONAL FOREST ATLAS

7½' QUADRANGLE TOPOGRAPHIC MAPS

Reserve
aG1527
.A57U5
2009

United States
Department of
Agriculture

Forest Service

Pacific
Southwest
Region

Angeles
National
Forest

R5-RG-158

Second Edition
2009



LEGEND

BOUNDARIES

Federal:

- National Forest
- National Forest Wilder
- National Recreation Ar
- National Protected Are
- Ranger District
- Native Land or tract
- Military
- FS/Purchase Unit/Adm

Other:

- Protected Area
- Recreation Area
- County
- Land Grant
- City/Town

ROADS

- Primary Highway
- Paved Road
- Gravel Road
- Dirt Road
- Unidentified Road
- Unimproved Road
- 4 Wheel Drive Road
- Interstate
- U.S.
- State
- County
- Primary Forest
- Forest
- Scenic Byway

TRAILS

- 2000 National Recreation Trail
- 6W02 Trail

MISCELLANEOUS

- Pipe - Above/Under Ground
- Levee
- Transmission Line
- Railway
- Airport - Paved
- Airport/Airstrip - Unpaved
- Ski Lift
- Track
- Corral

United States
Department of
Agriculture



National Agricultural Library

SURVEYS

- Perennial
- Intermittent
- Inundated
- Dry Lake
- Streams - Perennial
- Streams - Intermittent
- Elevated Pipe/Aqueduct
- Tunnel
- Swamp/Marsh

TOPOGRAPHIC FEATURES (Elevation in feet)

- Index Contour
- Intermediate Contour
- 100 x Spot Elevation
- ▲ Benchmark

SURVEYS

- Township/Range Lines:
 - Reliable
 - Approximate
 - Doubtful
 - Protracted
 - Other Surveys

Section Lines:

- Reliable
- Approximate
- Doubtful
- Protracted
- Other Surveys
- Section Corners Found

- Forest Service/Other
- Forest Service/Other/Group
- Campsite - Forest Service/Other
- Forest
- Forest Service/Other

Nature Viewing Area

Lookout Tower - Recreation/Administrative

Hospital

Airport, Landing Strip

Heliport/Helipad

Forest Headquarters

Ranger District Office

Fire Station/Other Facility

Downhill Skiing/Winter Recreation Area

School

Church

Tank

Pit, Mine, Prospects

Located Landmark Object

Land Grant Monument

Building

Cemetery

Road Barrier

Gate

Spring

Gaging Station

Well

Waterfall

Windmill

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COVER PHOTO: San Gabriel River by Roy Murphy.

PRODUCTION: Produced by USDA Forest Service, Pacific Southwest Region, Geometronics with the Angeles National Forest. Data was compiled from Cartographic Feature Files, 30 meter Digital Elevation Models and the Forest Visitor Map. This atlas was produced using ArcINFO™ and Adobe® Illustrator®.

Produced and Printed 2005. Minor revisions 2009.

REFERENCIAS

RECEIVED
FEB 04 2016

BY:

LIMITES

Federal:

- Bosque Nacional
- Área Silvestre Bosque Nacional
- Área Nacional de Recreo
- Área Nacional Protejida
- Distrito del Guardabosques
- Tierra o Zona Indígena
- Militar
- Servicio Forestal/Unidad de Compra/Unidad Administrativa

Otros:

- Área Protejida
- Área de Recreo
- Condado
- Límite de Concesión de Tierra
- Ciudad

CARRETERAS

- Carretera Principal
- Ruta Pavimentada
- Ruta Mejorada, Grava
- Ruta Mejorada, Tierra
- Carretera Desconocida
- Ruta no Mantenida Para Vehículos
- Carretera para Doble Tracción
- Carretera Interestatal
- Carretera Nacional
- Carretera Estatal
- Carretera de Condado
- Ruta Forestal Principal
- Ruta Forestal Secundaria
- Camino Escénico

SENDEROS

- Sendero de Recreación Nacional
- Sendero

VARIOS

- Tubería - Sobre/Bajo Tierra
- Dique
- Línea de Transmisión
- Línea Ferroviaria
- Aeropuerto - Pavimentado
- Aeropuerto/Pista de Aterrizaje - Sin Pavimento
- Elevación de Esquí
- Pista
- Corral/Forraje

AREAS

- Bosque Nacional Angeles
- Bosque Nacional Adyacente
- Terrenos Ajenos al Servicio Forestal
- Área Urbana
- Arena
- Terracería
- Mina y Rocas
- Lava

SIMBOLOS

- | | |
|--|---|
| | Área de Picnic - Servicio Forestal/Otro |
| | Sitio para Acampar - Servicio Forestal/Otro/Grupales |
| | Sitio para Acampar Sin Servicios - Servicio Forestal/Otro |
| | Punto de Interés |
| | Inicio de Sendero |
| | Estacionamiento |
| | Lanzamiento de Lanchas - Servicio Forestal/Otro |
| | Centro de Información al Visitante |
| | Área para Ver la Naturaleza |
| | Torre de Control - de Recreo/Administrativa |
| | Hospital |
| | Aeropuerto, Pista de Aterrizaje |
| | Helipuerto |
| | Oficina Principal del Bosque |
| | Oficina del Guardabosques |
| | Servicios de Incendios/Otras Facilidades |
| | Recurso de Esquí/Área de Recreo de Invierno |
| | Escuela |
| | Iglesia |
| | Depósito de Agua |
| | Cantera, Mina, Área de Estudio para Minas |
| | Objeto Localizado o Punto muy Conocido |
| | Monumento de Concesión de Tierra |
| | Edificio |
| | Cementerio |
| | Barrera de Carretera |
| | Puerta |
| | Manantial |
| | Estación del Gagin |
| | Pozo |
| | Catarata |
| | Turbina de Aire |

CHARACTERISTICAS AQUATICAS

- Perenne
- Intermitente
- Inundada
- Lago Seco
- Riachuelos - Perennes
- Riachuelos - Intermitentes
- Tubería Elevada/Acueducto
- Túnel
- Pantano

CHARACTERISTICAS TOPOGRAFICAS

(Elevación en pies)

- Contorno Indicador
- Contorno Intermedio
- Punto de Elevación
- Estación de Control Horizontal

ESTUDIOS

Líneas de Municipio/Domínio:

- Confiable
- Aproximado
- Dudos
- Medido
- Otros Estudios

Líneas de Secciones:

- Confiable
- Aproximado
- Dudos
- Medido
- Otros Estudios
- + Esquinas de Secciones Encontradas

El Departamento de Agricultura de los Estados Unidos (USDA) prohíbe la discriminación por raza, color, nacionalidad, edad, discapacidad, y donde se aplique sexo, estado civil, estado familiar, estado parental, religión, orientación sexual, información genética; ideología política, represalias, o porque el total o parte de los ingresos de un individuo se deriven de cualquier programa de asistencia pública. (No todas las bases de prohibición se aplican a todos los programas). Aquellas personas con discapacidad que requieren medios alternativos para obtener información sobre los programas (tales como, sistema Braille, letra de tamaño grande, cinta de audio, etc.) deben comunicarse con el Centro TARGET del USDA al (202) 720-2600 (voz y dispositivos de telecomunicación para sordos [TDD]).

Para presentar una denuncia por discriminación, escriba a USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 o llame al (800) 795-3272 (voz) o (202) 720-6382 (TDD). USDA es un proveedor y empleador de acceso igualitario.

Producido e Impreso en 2005. Revisiones de Menor Importancia 2009.

FOTO DE PORTADA: Rio San Gabriel por Roy Murphy.

PRODUCCION: Producido por DAEU Servicio Forestal, Región Pacífico-Sudeste, Geometronics con el Bosque Nacional Angeles. Datos compilados de Cartographic Feature Files, Modelos de Elevación Digital 30 metros y el Mapa del Visitante Forestal. Este atlas fue producido usando ArcINFO™ y Adobe® Illustrator®.



Getting Around On Angeles National Forest Roads

ROADS SUITABLE FOR PASSENGER CARS

Standards routes are suitable for passenger cars, but may not be as smooth or as well maintained as County roads. Vehicles that are not licensed for use on the street and highways may not be operated on Standard or Service roads except when specifically authorized.



15S17

ROADS NOT SUITABLE FOR PASSENGER CARS

1
3
S
0
2

Service roads receive only minimal maintenance. These roads either are not shown on the Forest Service map or are shown by dashed parallel lines. These roads are rarely suited for passenger car travel. If you choose to travel minimally maintained roads, you may find rocks, downed trees, road washouts, and brush encroaching on the roadway. Drive slowly and carry equipment such as an axe, shovel, gloves, and fuel.

Many of these roads are closed during wet weather. Even where they are not closed, please DO NOT drive on these roads in wet weather because you will leave wheel ruts. Some route markers may be missing, watch for changes in road conditions. Check with the local Forest Service Office for specific travel information.

CLOSED ROADS

Forest roads are sometimes closed during winter to prevent the rutting of soft roadbeds during and following wet weather, to reduce disturbances to wildlife during nesting season and other critical periods, to ensure public safety, or because of high fire danger. Sometimes road use is restricted because of maintenance and other reasons.

RULES OF THE ROAD

Safe driving in the National Forest requires alertness. The forest road system is different from streets and highways. Road conditions vary dramatically and roads are used by a variety of travelers. Licensed high clearance vehicles, recreation vehicles, horseback riders, mountain bikes and hikers are common sights on back roads of the Forest. National Forest route signs use white numbers on a brown background, and are posted at road intersections. Most national Forest roads are one-lane dirt roads with turnouts for passing oncoming traffic and are not maintained for passenger cars. Use these descriptions to plan an enjoyable trip best suited for your vehicle and driving experience.

WINTER VEHICLE TRAVEL

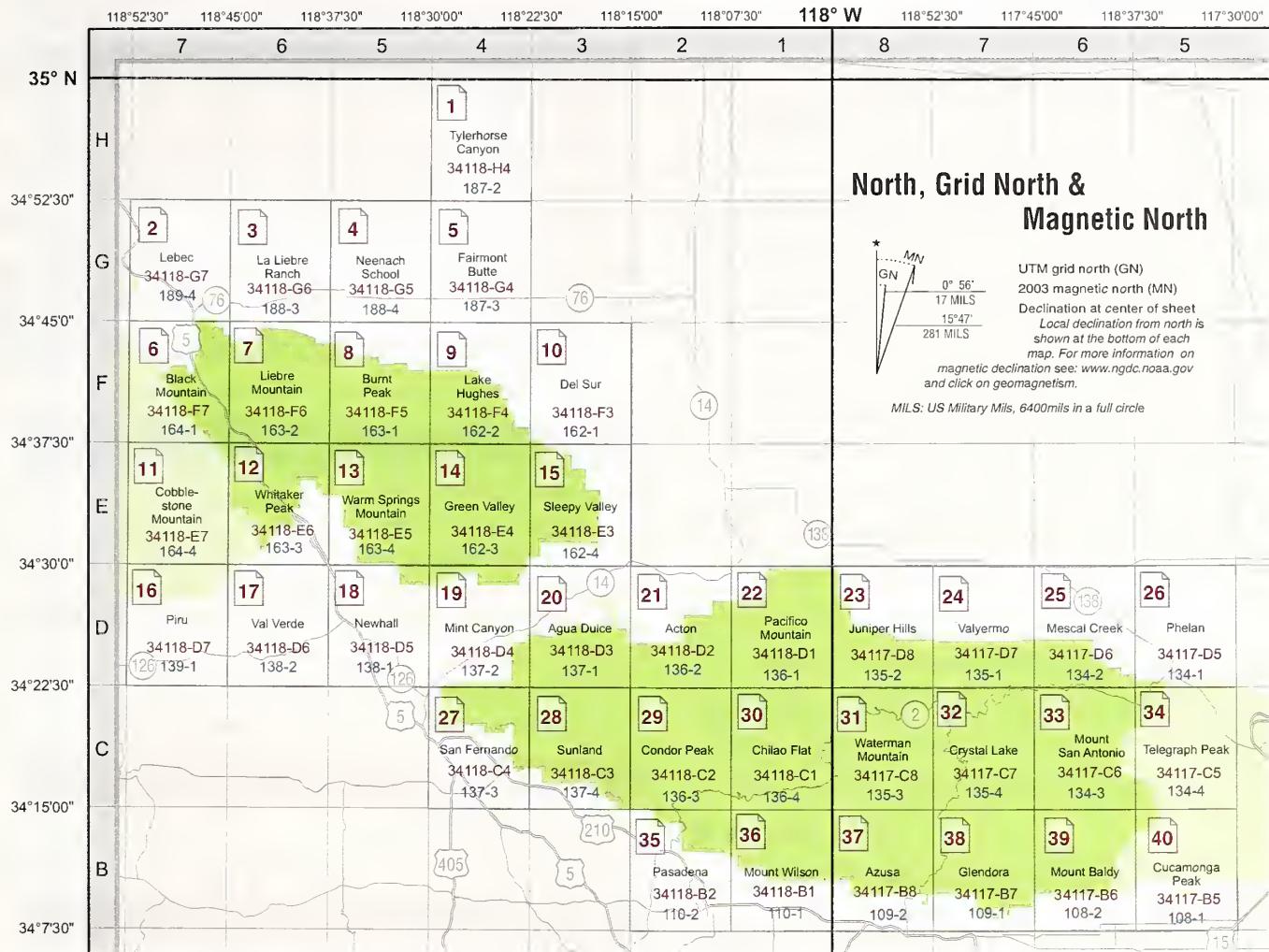
Snow conditions result in closure of some Forest Service roads and state highways over mountain passes. Tire chains may be required. Winter travelers should carry tire chains at all times and be prepared to spend long periods of time in the car. Carry blankets or sleeping bags, warm clothes, water, food and other necessities, a snow shovel, and travel with a full tank of gas.

TREAD LIGHTLY

Tread Lightly is a practice that allows you to enjoy the National Forest without changing or damaging it. It is a willingness to assume responsibility to care for the land and respect the rights of those you meet along the way and those who follow you. The five basic principles of the "Tread Lightly" program are to:

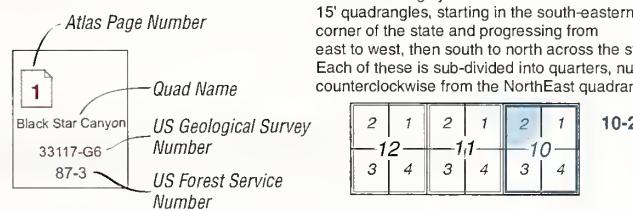
- Travel only where permitted.
- Respect the rights of others.
- Educate yourself.
- Avoid streams, meadows, and wildlife.
- Drive and travel responsibly.

ANGELES NATIONAL FOREST INDEX



Using this Atlas

Quad Labeling



Forest Service Number:

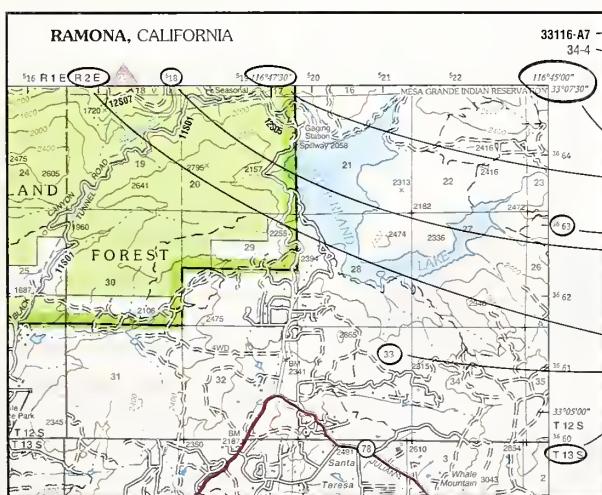
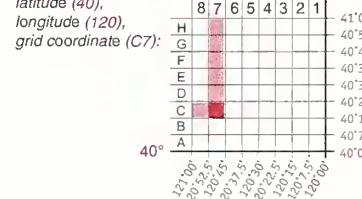
This numbering system is based on 15' quadrangles, starting in the south-eastern corner of the state and progressing from east to west, then south to north across the state. Each of these is sub-divided into quarters, numbered counterclockwise from the NorthEast quadrant.

2	1	2	1	2	1
3	4	3	4	3	4

10-2

USGS Number:

40120-C7



COORDINATES

Latitude and Longitude:
corners
2.5" ticks

UTM (Zone 11)
Eastings (36 63 000 meters East)
Northings (518 000 meters North)

Township, Range, & Section (Public Land Survey)

Each township is divided into 36 one square mile sections. These sections are numbered in gray squares on the map (See diagram - right). Unsurveyed sections or portions of sections are called "protraction blocks". These protraction blocks are numbered sequentially starting with 37 (PB 37, PB 38, PB 39...).

R 12 E	R 13 E	R 14 E
6	5	4
7	8	9
18	17	16
19	20	21
30	29	28
31	32	33

Section Numbers

A Message About Fire

As you travel in the Angeles National Forest remember to "Know Before You Go".

The Angeles National Forest is the backdrop for the greater Los Angeles Metropolitan area, and the home to over 20 million residences.

With approximately 10 million visits annually, it is one of the most heavily visited forests in the National Forest System. Visitor travel and recreation corridors are highly concentrated.

For more than 65 years Smokey the Bear has delivered a message of wildfire prevention designed to protect visitors and forest health in this highly flammable ecosystem.

Because the potential for human-caused fires, fire restrictions are in effect year around in the Forest.

Actual restrictions may vary, based on current fire conditions. Always check with your local Forest Service Office for up-to-date information about restrictions before heading to the National Forest and use the following guide to help you understand the Fire Danger Levels for the Angeles National Forest.



"Know Before You Go".

Report all wildfires by calling 911.

Angeles National Forest **FIRE DANGER LEVELS**

LOW

- No fireworks.
- No shooting of tracer, armor piercing, Teflon or steel core ammunition.
- All stoves and fires require a valid California Campfire Permit.
- Wood or charcoal fires at developed sites only.
- Camp stoves are allowed outside of developed sites.
- Smoking is allowed only in enclosed vehicles and developed sites.
- Forest Service approved spark arrestors are required on off-highway vehicles, chainsaws, and other internal combustion engines.
- Welding, grinding, cutting and use of explosives allowed only with permit.

MODERATE

- All previous restrictions apply.
- Activities requiring a permit may be restricted.
- Certain forest areas may be closed due to fire or public safety risk.

HIGH

- All previous restrictions apply.
- Closures may occur in some geographic areas.
- Wood or charcoal fires may be restricted to specific developed sites.

VERY HIGH

- All previous restrictions apply.
- Temporary closures may occur due to fire probability or activity.

EXTREME

- All previous restrictions apply.
- Use of wood and charcoal fires, or propane stoves are restricted except in identified campgrounds or picnic areas.
- Certain permitted activities (including hunting, camping, etc.) may be restricted.
- Selected recreation areas and facilities are subject to closure.
- Smoking is allowed only in an enclosed vehicle or building.

CRITICAL

- National Forest access is restricted to federal, state and county highways and private lands.
- All activities are restricted.
- All Forest Service recreation areas and facilities are closed to the public unless otherwise noted.
- Contractors, residents and permittees are allowed onto forest roads by permit only.



Know Before You Go!

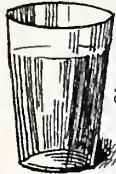
- ✓ Fire Use Restrictions and Fire Danger Levels are subject to change at any time.
- ✓ Know Before You Go! Call 626-574-5200
- ✓ Read signs and bulletin boards when entering recreation areas.
- ✓ Visit www.fs.fed.us/r5/angeles



Have a Safe Trip

THINK BEFORE YOU DRINK

It may be tempting to drink water from a cold stream, but a microscopic organism called Giardia lamblia caused by human or animal feces may be present in the water and could cause an intestinal disorder called Giardiasis (gee-ar-dye-a-sis).



All surface water on the Angeles should be considered **unsafe** to drink without treatment. Chemical disinfectants are available, or carry bottled water.

Always carry plenty of water.

DEHYDRATION AND HEAT

High temperatures are common in the summer, but can occur throughout the year. Heat exhaustion and heat stroke can result from continued exposure to high temperatures and inadequate or unbalanced replacement of fluids. Adults require two quarts of water per day and four quarts or more for strenuous activity at high elevations. To maintain a high energy level and avoid dehydration:

- Drink 8 to 16 ounces of water before hiking.
- Drink frequently when on the trail.
- Drink as much water as possible during lunch and throughout the evening.
- Limit caffeine drinks such as coffee or cola.
- Avoid alcoholic drinks.
- Plan ahead for drinking water. Don't allow water to run out before resupplying.
- Take breaks in the shade.

Prevent sunburn by wearing lightweight, light colored, and loose fitting clothing that allows air to circulate and sweat to evaporate while offering protection from direct sun. Bare skin absorbs the sun's radiant heat and raises body temperature. Understand the signs and symptoms of heat disorders including heat cramps, heat exhaustion, and heat stroke.

HYPOTHERMIA

Hypothermia is a potentially fatal condition caused by a progressive loss of body temperature. When a person experiences chilling at a rate greater than their body's ability to generate heat, their body functions will slow or diminish. Hypothermia can become a problem in relatively mild conditions. Any time wind chill temperatures drop below 50 degrees Fahrenheit (10 degrees Celsius) and especially if a person becomes wet from precipitation or perspiration, conditions are ripe for the development of hypothermia.

Since prevention is more effective than any cure, the traveler should keep the following in mind:

- Keep your skin and clothing dry and drink a lot of water.
- Avoid alcohol and smoking as they impair your body's ability to regulate blood flow.
- Symptoms include fits of shivering, vague and slurred speech, memory lapses, fumbling hands, a lurching walk, drowsiness and exhaustion, and an apparent lack of concern about physical discomfort.

Hypothermia victims must be removed from windy and wet areas. Remove all wet clothing and place the person in a dry sleeping bag with another person to transfer and restore body heat. Give the victim warm drinks, but not coffee or alcohol. When you are ready to resume traveling, make sure no one becomes wet or chilled again.

LOST?

If you get lost, stay calm and don't panic. Stop and try to figure out where you are. Look for peaks or landmarks. Use your head and not your legs! Three of anything such as shouts, whistle blasts, or reflected light from a mirror or a flashlight is a sign of distress. Carry a rescue whistle for emergency use.



SNAKES

Rattlesnakes are frequently encountered on the Angeles National Forest, especially during the warm summer months. Snakes are defensive and rarely attack unless provoked. When going through thick underbrush be alert, walk slowly and give snakes ample time to move out of the way. Use a hiking stick and wear high top hiking shoes. Stay on clear paths as much as possible. Be careful where you place your feet and hands at all times.



MOUNTAIN LIONS

Mountain lions inhabit about half of California, generally in areas where deer are plentiful. As their population recovers and increases, so have their contacts with humans who venture into their territory.

Following are a few tips from the California Department of Fish and Game:

- Always keep children close. Don't let them run off.
- Never approach a lion.
- Never run from a lion. It might chase you. Stand, face the animal, and make eye contact. Pick up small children without bending or turning away from the lion.
- Try to look big. Raise your arms, open your jacket. Make noise

For more information about mountain lions, contact the California Department of Fish and Game.

RODENTS AND THEIR BURROWS

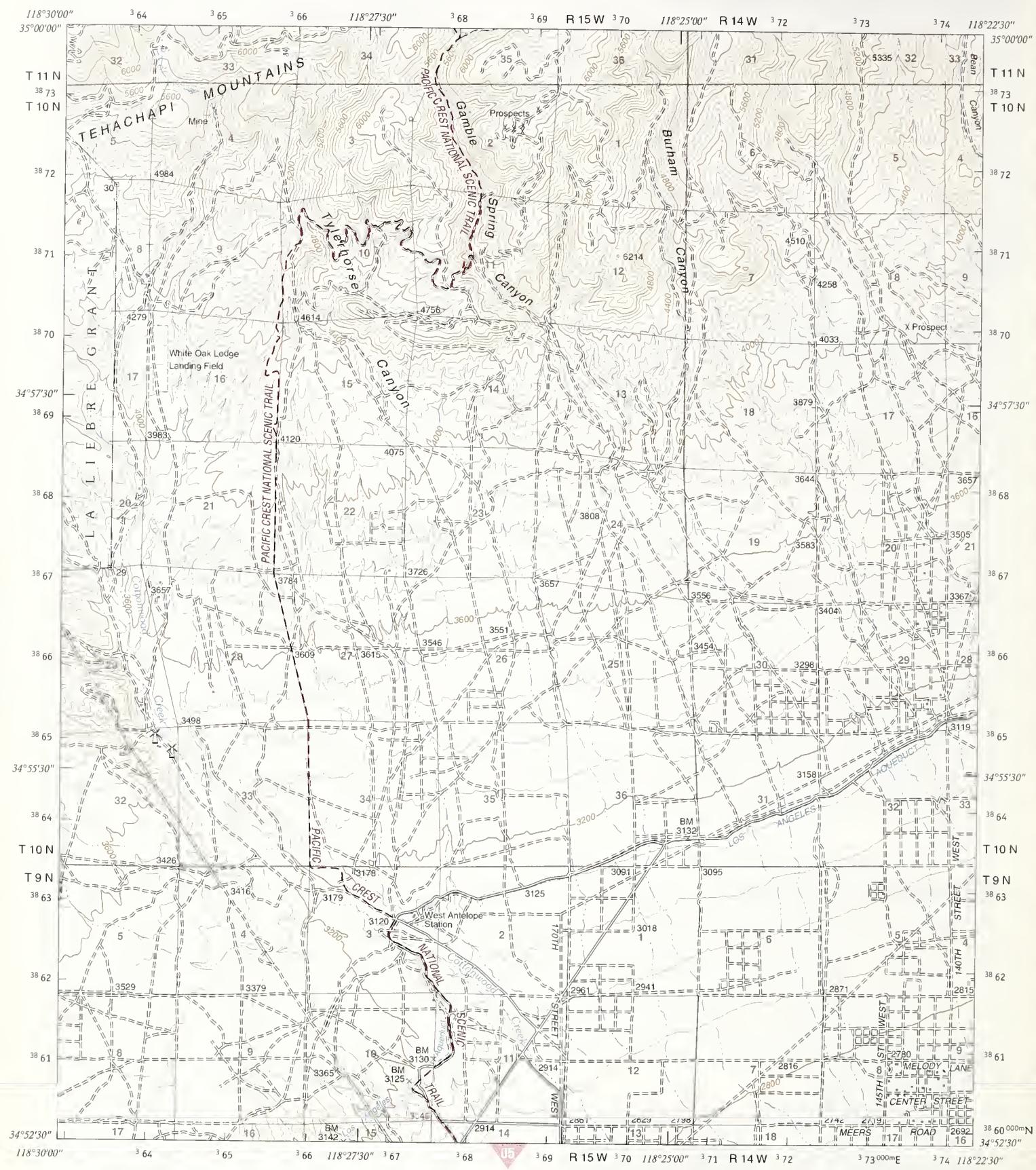
Avoid setting up camp near rodent burrows (look for holes in the ground, and near rocks and tree stumps). Fleas from rodents can carry bubonic plague.



LEAVES OF THREE - LET IT BE

Poison oak is found up to 5,000 feet elevation. Learn to identify and avoid it. Poison oak has waxy-looking leaves that grow in lobes of three and change from green to red or maroon in fall.

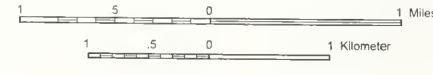
TYLERHORSE CANYON, CALIFORNIA

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

Cummings Mountain	Tehachapi South	Monolith
Libre Twins	Tylerhorse Canyon	Willow Springs
Neenach School	Fairmont Butte	Little Buttes

Scale 1 : 63,360

(1 inch to the mile)



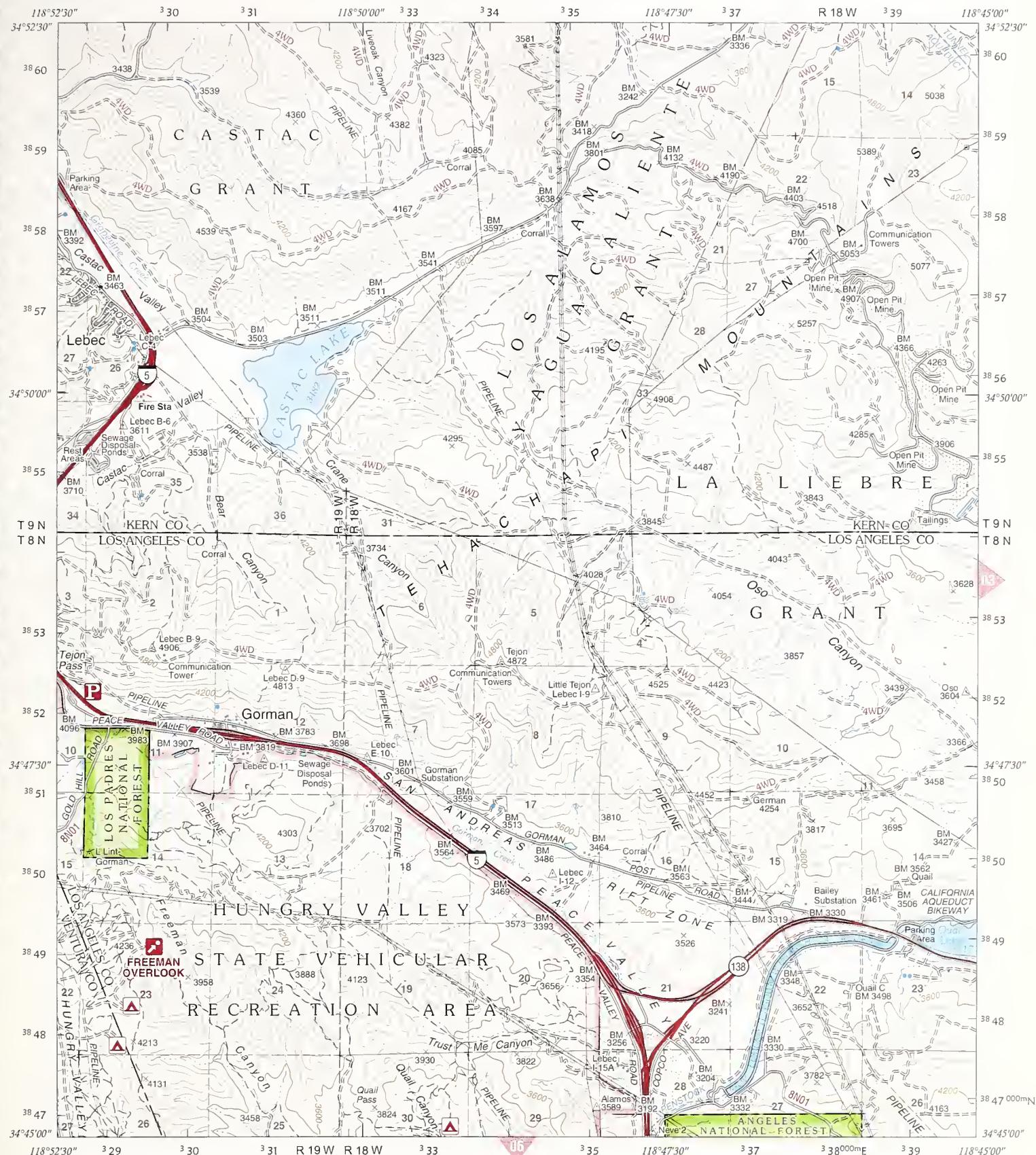
Contour Interval 80 Feet



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



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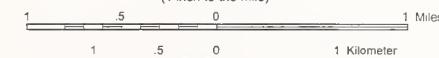
Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Scale 1:63,360

(1 inch to the mile)



Contour Interval 120 Feet

Grapevine	Pastoria Creek	Winters Ridge
Frazier Mountain	Lebec	La Liebre Ranch
Alamo Mountain	Black Mountain	Liebre Mountain



Pastoria Creek	Winters Ridge	Liebre Twins
Lebec	La Liebre Ranch	Neenach School
Black Mountain	Liebre Mountain	Burnt Peak

Scale 1:63,360

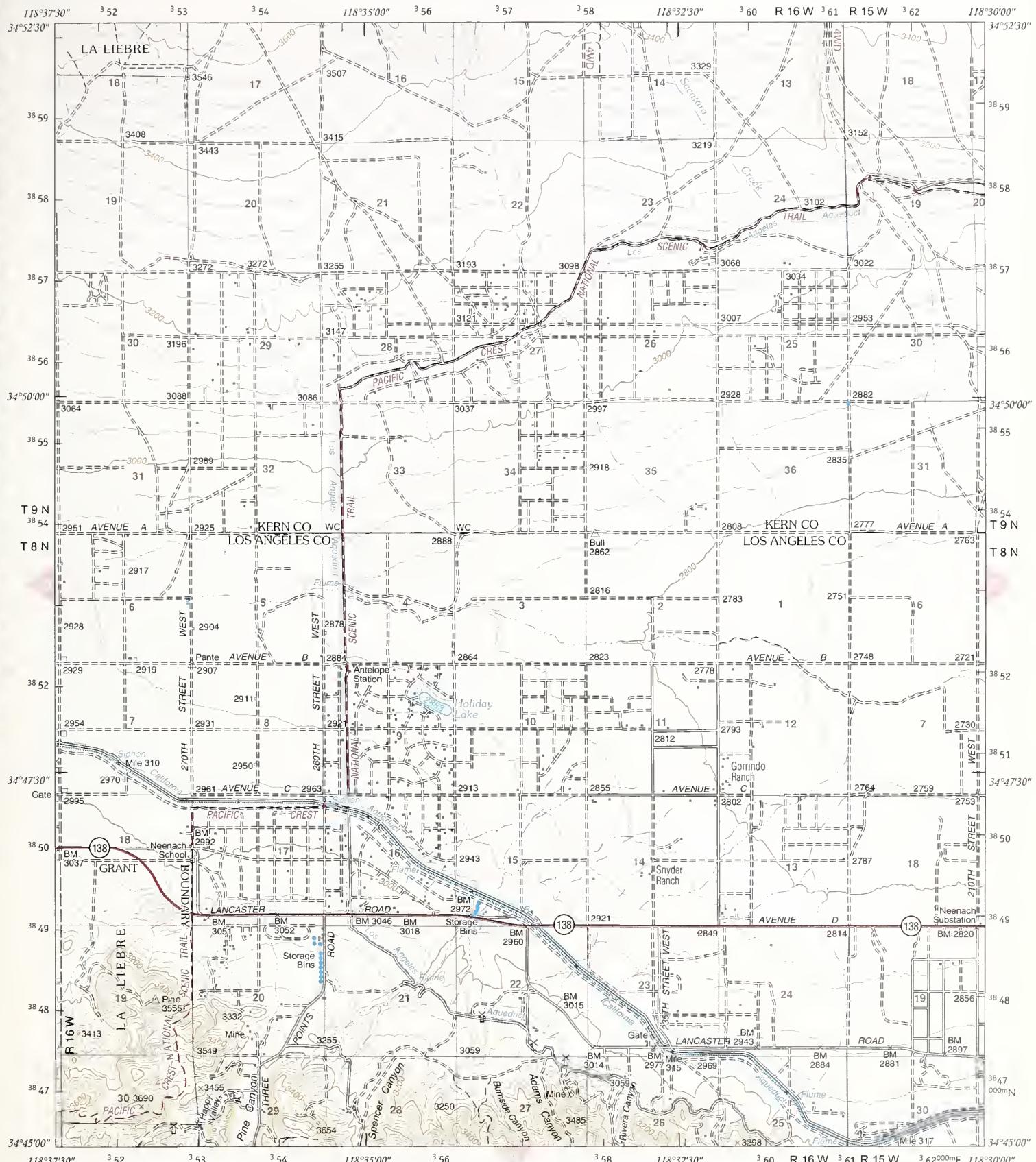
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Contour Interval 40 Feet



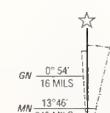
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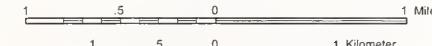
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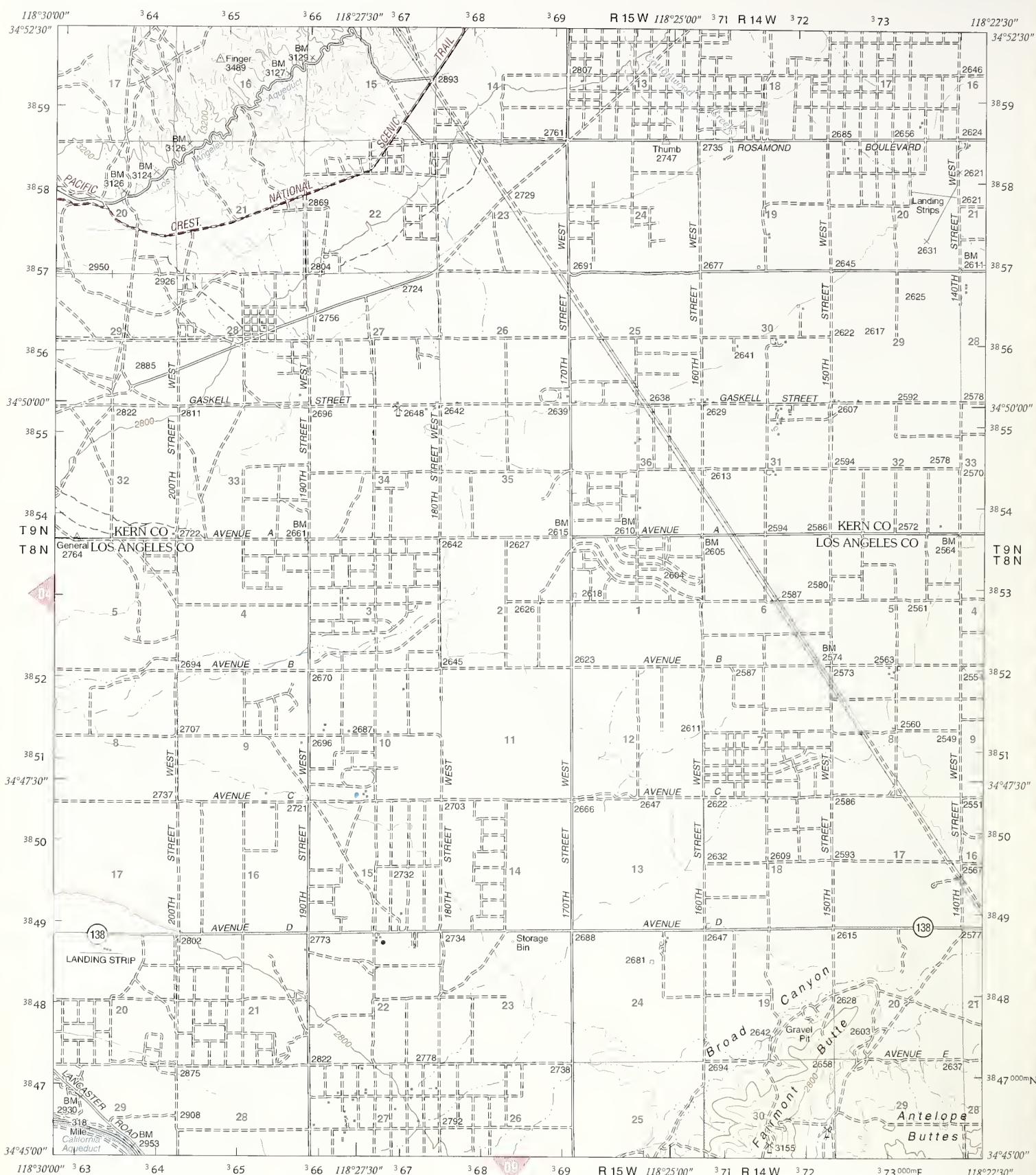
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(1 inch to the mile)



Contour Interval 40 Feet

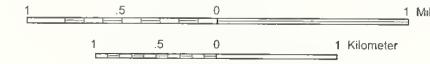
Winters Ridge	Liebre Twins	Tylerhorse Canyon
La Liebre Ranch	Neenach School	Fairmont Butte
Liebre Mountain	Burnt Peak	Lake Hughes



Liebre Twins	Tylerhorse Canyon	Willow Springs
Neenach School	Fairmont Butte	Little Buttes
Burnt Peak	Lake Hughes	Del Sur

Scale 1 : 63,360

(1 inch to the mile)



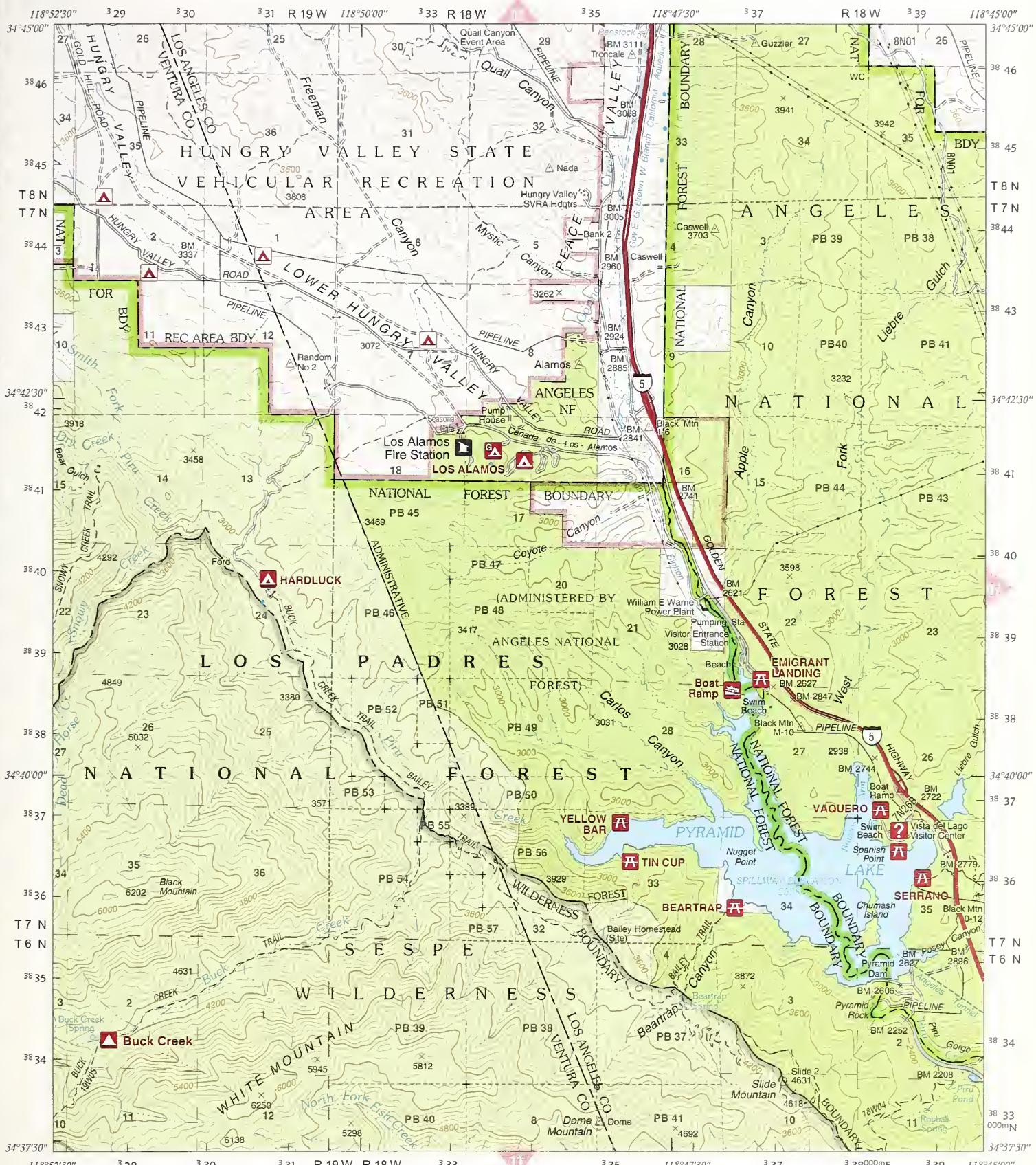
Contour Interval 80 Feet

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Declination at center of sheet

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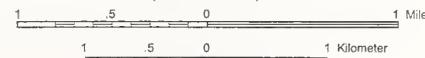
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2004 magnetic north (MN)
Declination at center of sheet

Scale 1:63,360

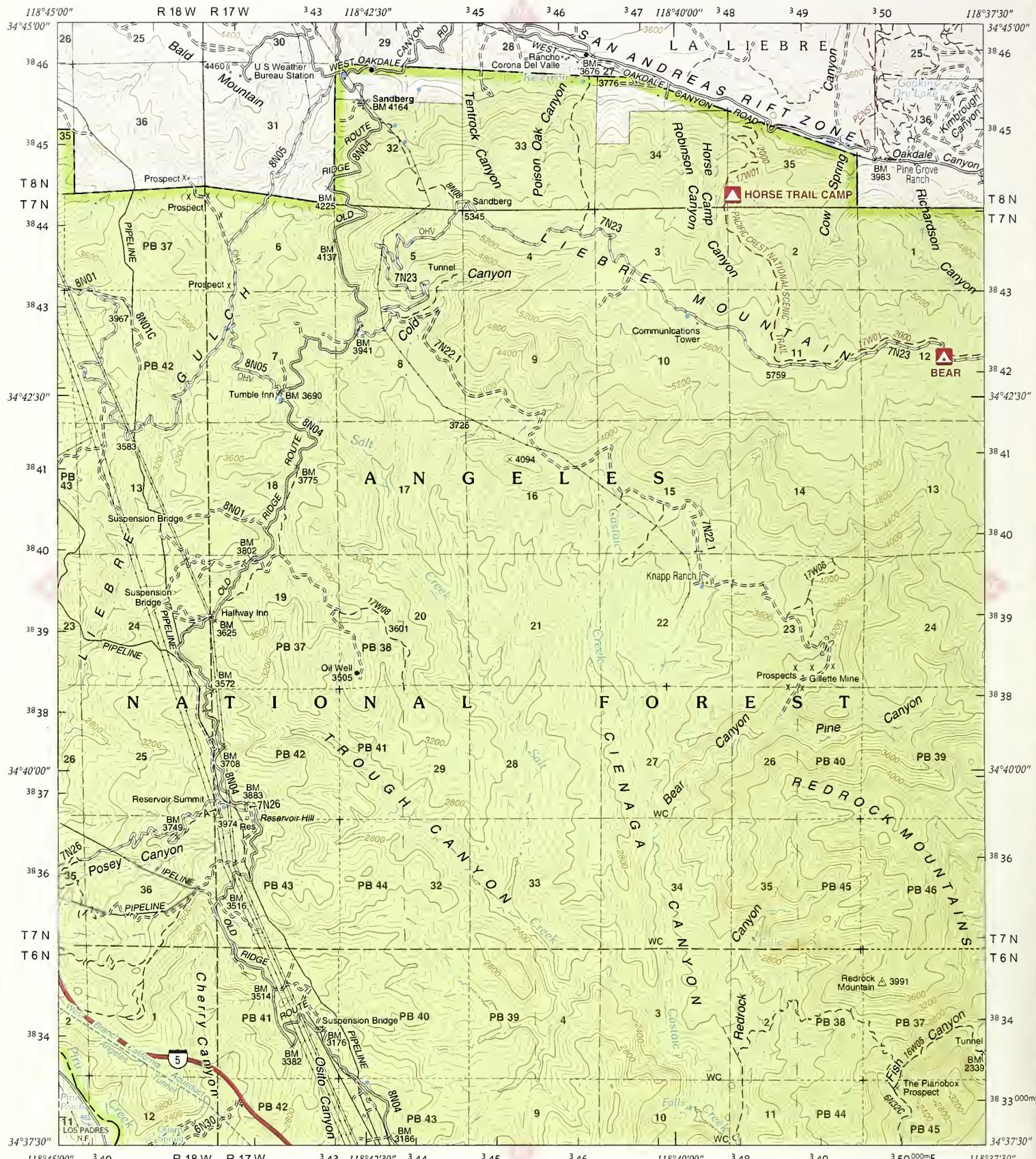
(1 inch to the mile)



Contour Interval 120 Feet

Frazier Mountain	Lebec	La Liebre Ranch
Alamo Mountain	Black Mountain	Liebre Mountain
Devils Heart Peak	Cobblestone Mountain	Whitaker Peak

LIEBRE MOUNTAIN, CALIFORNIA



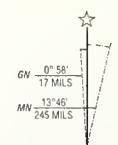
Lebec	La Liebre Ranch	Neenach School
Black Mountain	Liebre Mountain	Burnt Peak
Cobblestone Mountain	Whitaker Peak	Warm Springs Mountain

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(1 inch to the mile)



Contour Interval 80 Feet

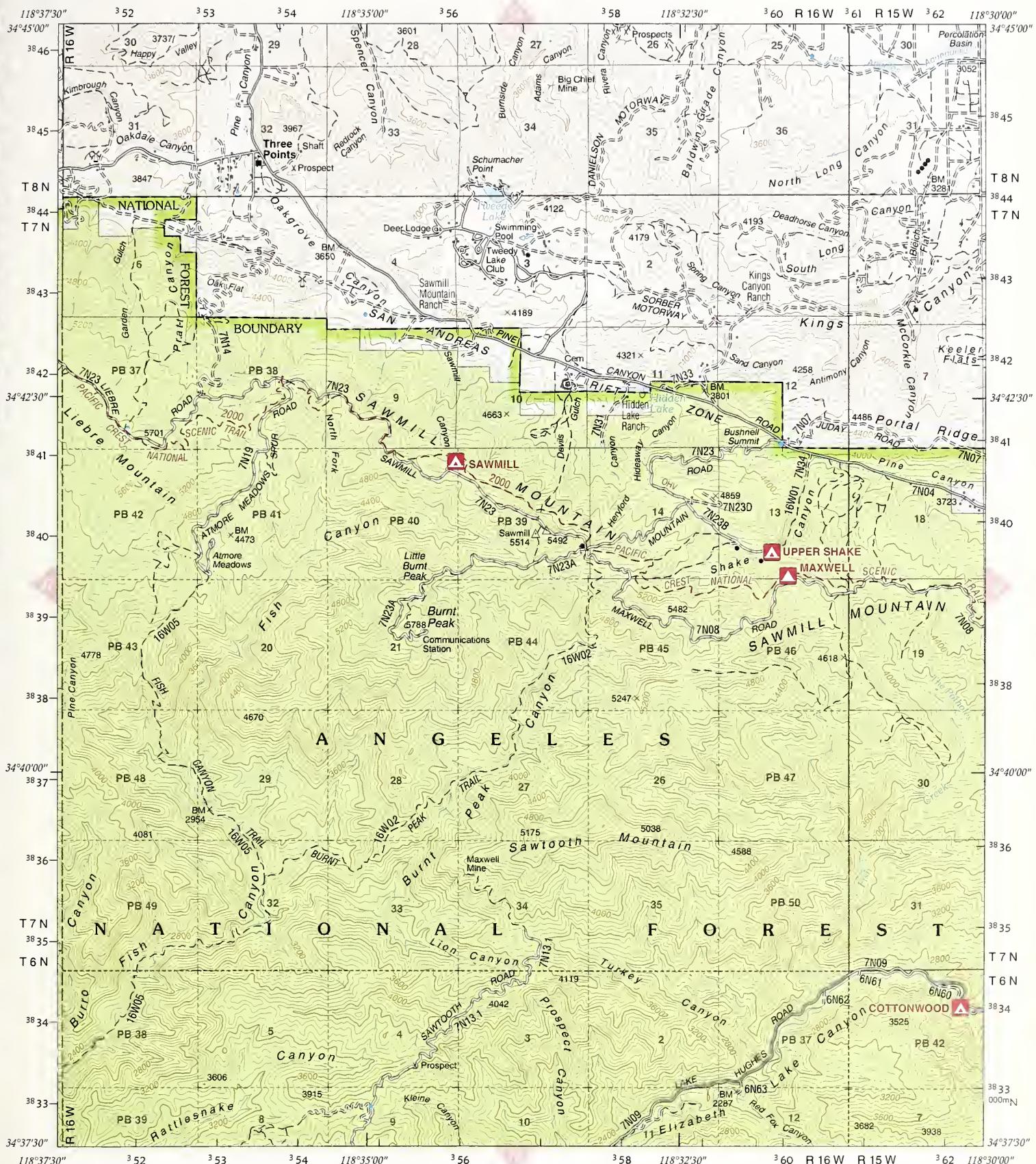


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2004 magnetic north (MN)
Declination at center of sheet

Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Scale 1:63,360

(1 inch to the mile)

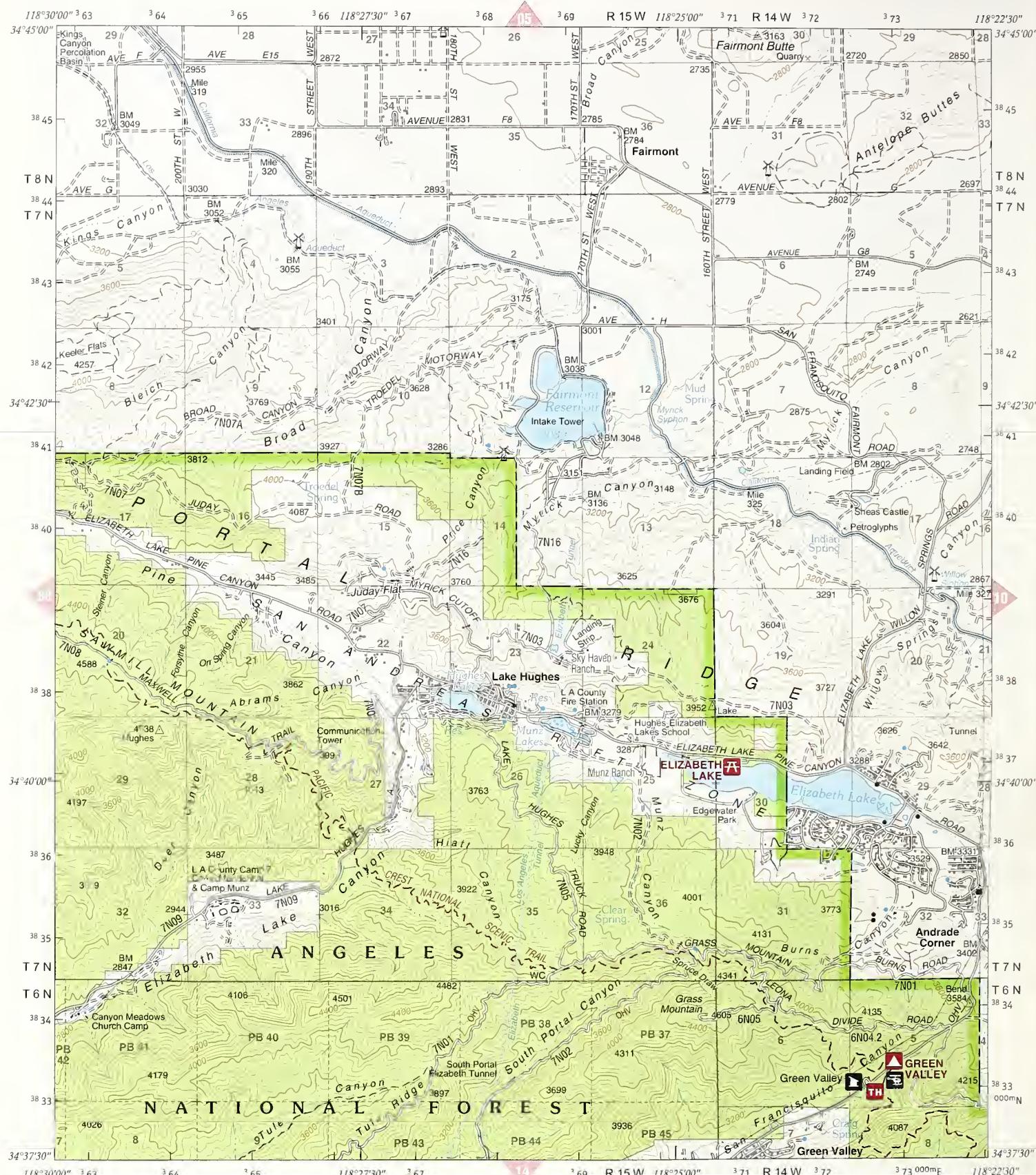
1 .5 0 1 Miles

1 5 0 1 Kilometer

Contour Interval 80 Feet

La Liebre Ranch	Neenach School	Fairmont Butte
Liebre Mountain	Burnt Peak	Lake Hughes
Whitaker Peak	Warm Springs Mountain	Green Valley

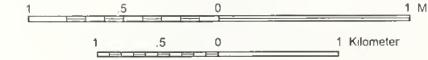
LAKE HUGUES, CALIFORNIA



Neenach School	Fairmont Butte	Little Buttes
Burnt Peak	Lake Hughes	Del Sur
Warm Springs Mountain	Green Valley	Sleepy Valley

Scale 1: 63,360

(1 inch to the mile)



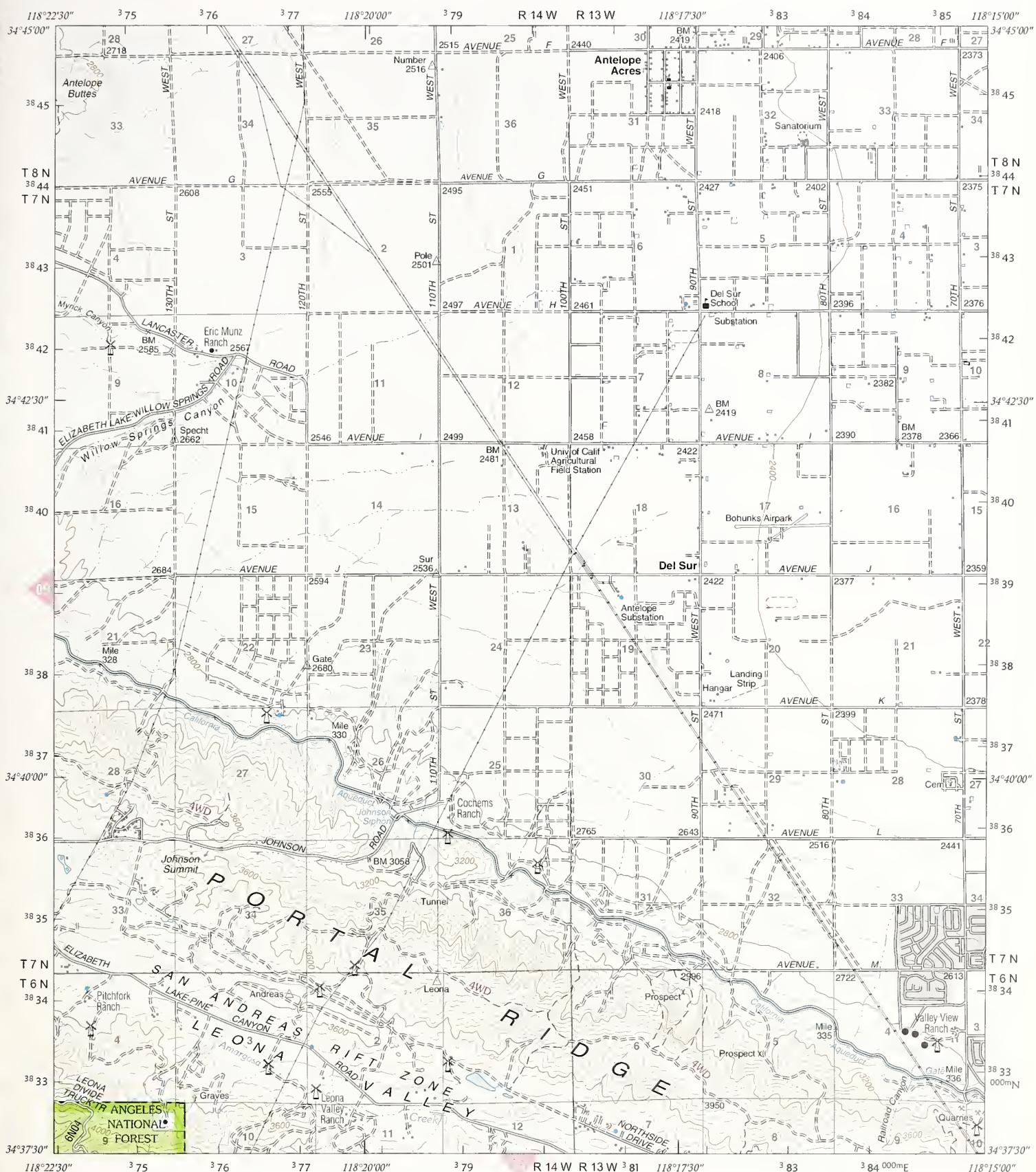
Contour Interval 80 Feet



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

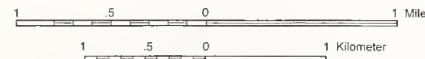
Projection: California State Plane, Zone 5 (Lambert Conformal Conic).

UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

GN 0° 45'
MN 13° 42'
244 MILS

Scale 1 : 63,360

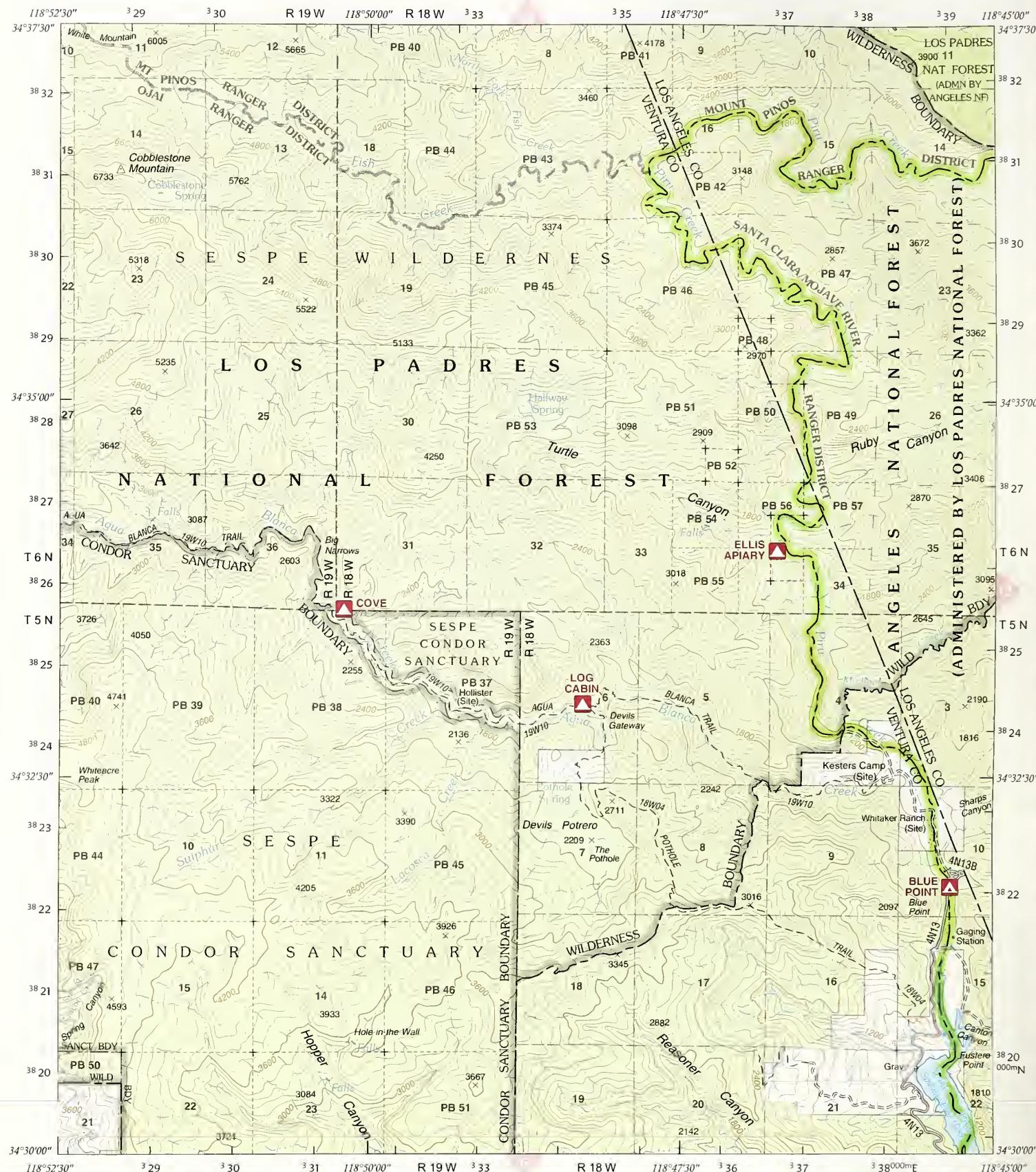
(1 inch to the mile)



Contour Interval 80 Feet

Fairmont Butte	Little Buttes	Rosamond
Lake Hughes	Del Sur	Lancaster West
Green Valley	Sleepy Valley	Ritter Ridge

COBBLESTONE MOUNTAIN, CALIFORNIA



Alamo Mountain	Black Mountain	Libre Mountain
Devils Heart Peak	Cobblestone Mountain	Whitaker Peak
Fillmore	Piru	Val Verde

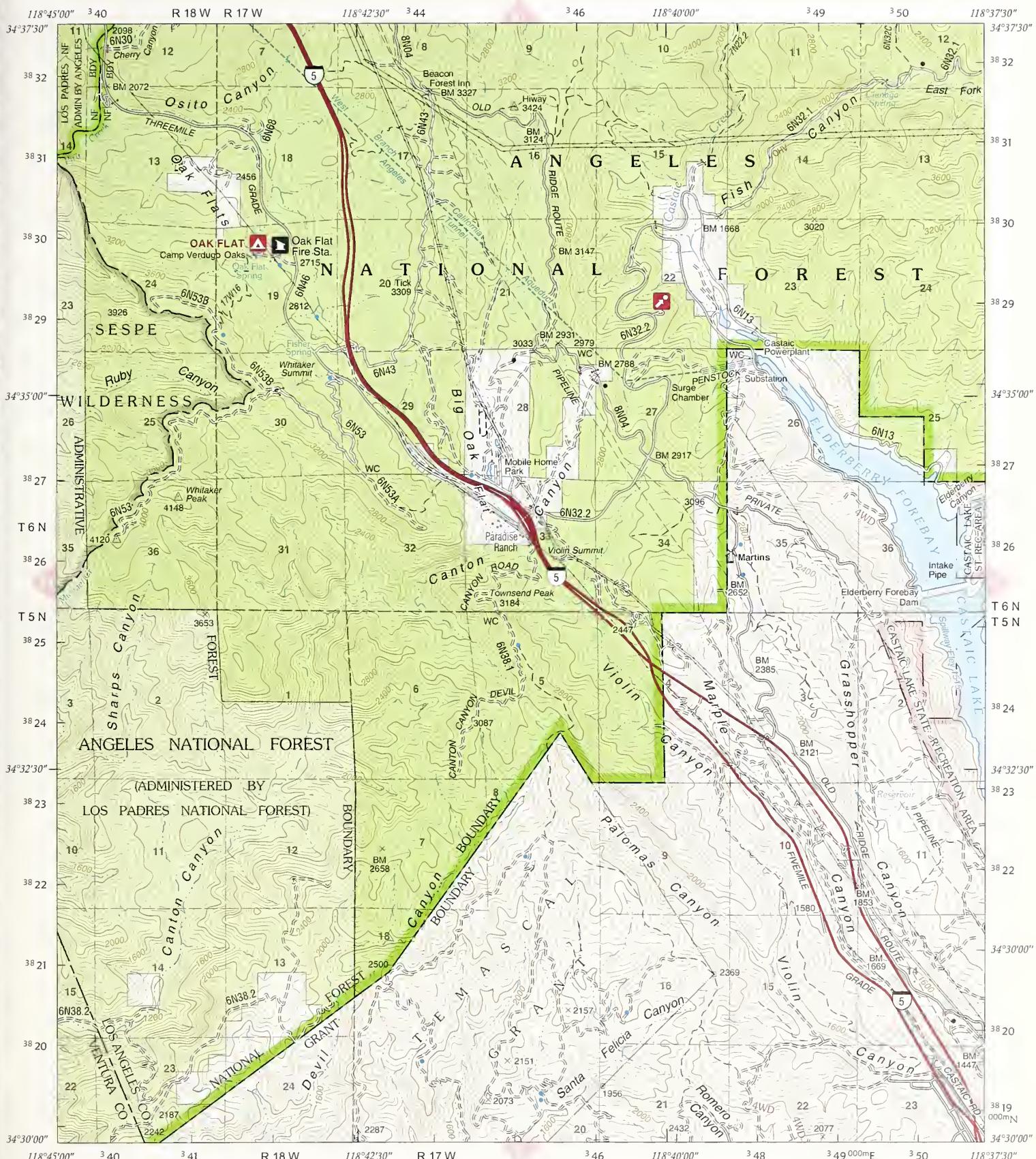
Scale 1:63,360
(1 inch to the mile)
1 Miles
1 Kilometer
Contour Interval 120 Feet

GN 1° 2' 18 MILS
MN 13°45' 244 MILS
UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



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North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Scale 1: 63,360

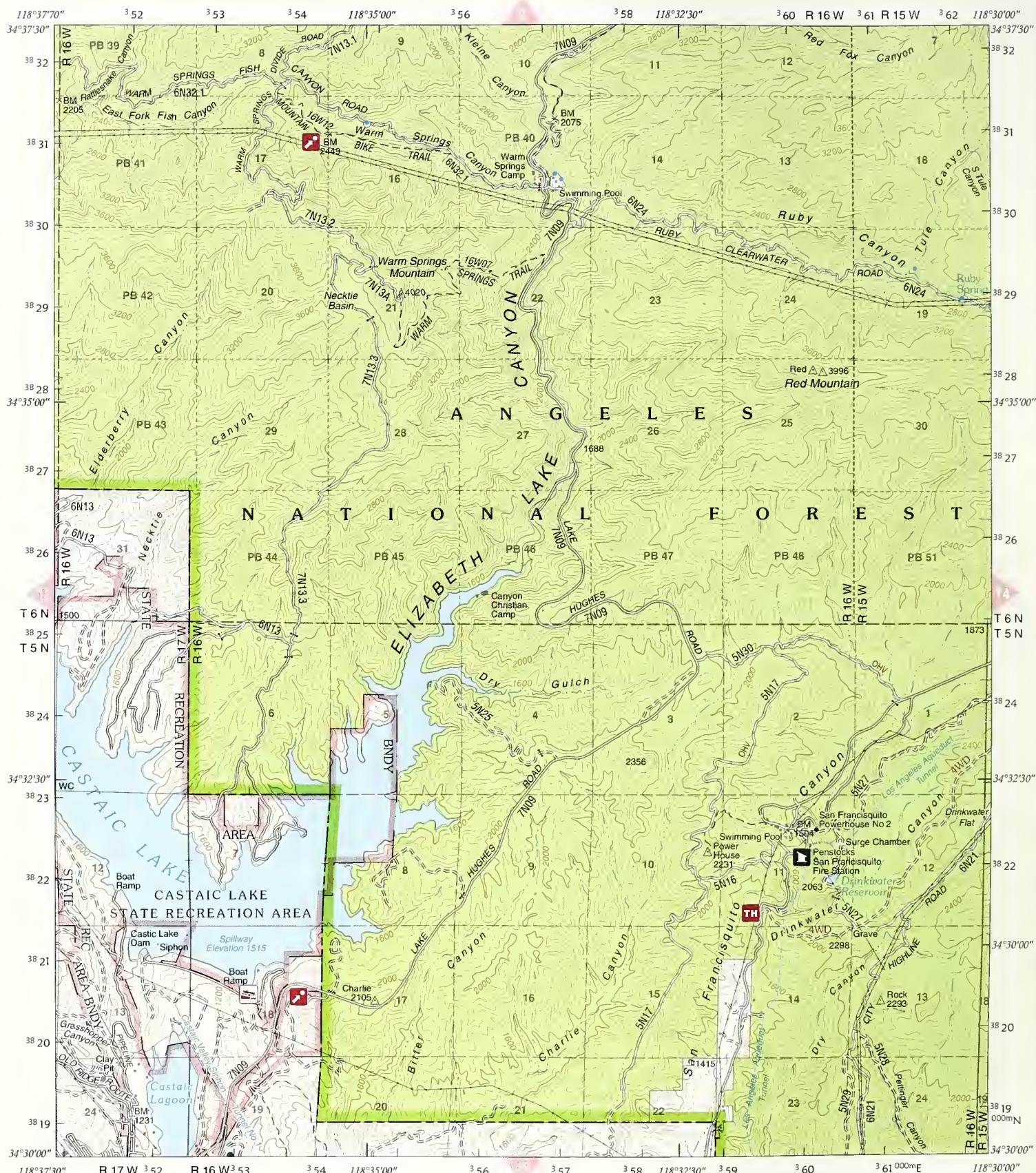
(1 inch to the mile)



Contour Interval 80 Feet

Black Mountain	Libre Mountain	Burnt Peak
Cobblestone Mountain	Whitaker Peak	Warm Springs Mountain
Piru	Val Verde	Newhall

WARM SPRINGS MOUNTAIN, CALIFORNIA



Liebre Mountain	Burnt Peak	Lake Hughes
Whitaker Peak	Warm Springs Mountain	Green Valley
Val Verde	Newhall	Mint Canyon

Scale 1:63,360

(1 inch to the mile)



Contour Interval 80 Feet

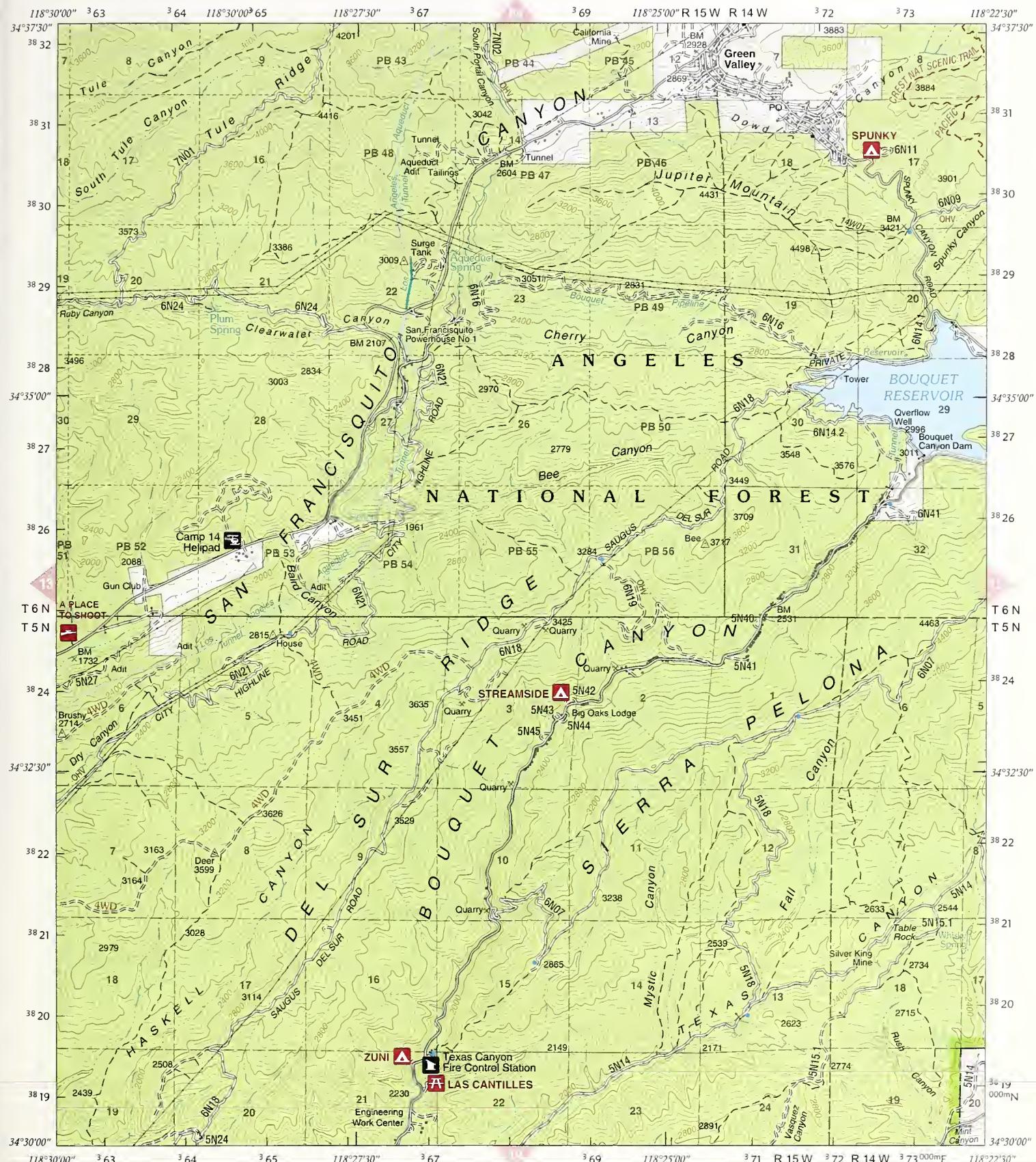
GN 0° 53'
16 MILS
MN 13° 42'
244 MILS

UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927
(NAD 27)

Projection: California State Plane,
Zone 5 (Lambert Conformal Conic)



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009

North American Datum of 1927
(NAD 27).

Projection: California State Plane,
Zone 5 (Lambert Conformal Conic)

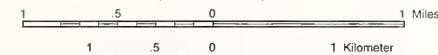
GN $0^{\circ} 49'$
15 MILS

MN $13^{\circ} 41'$
243 MILS

UTM grid north (GN)
2004 magnetic north (MN)

Scale 1 : 63,360

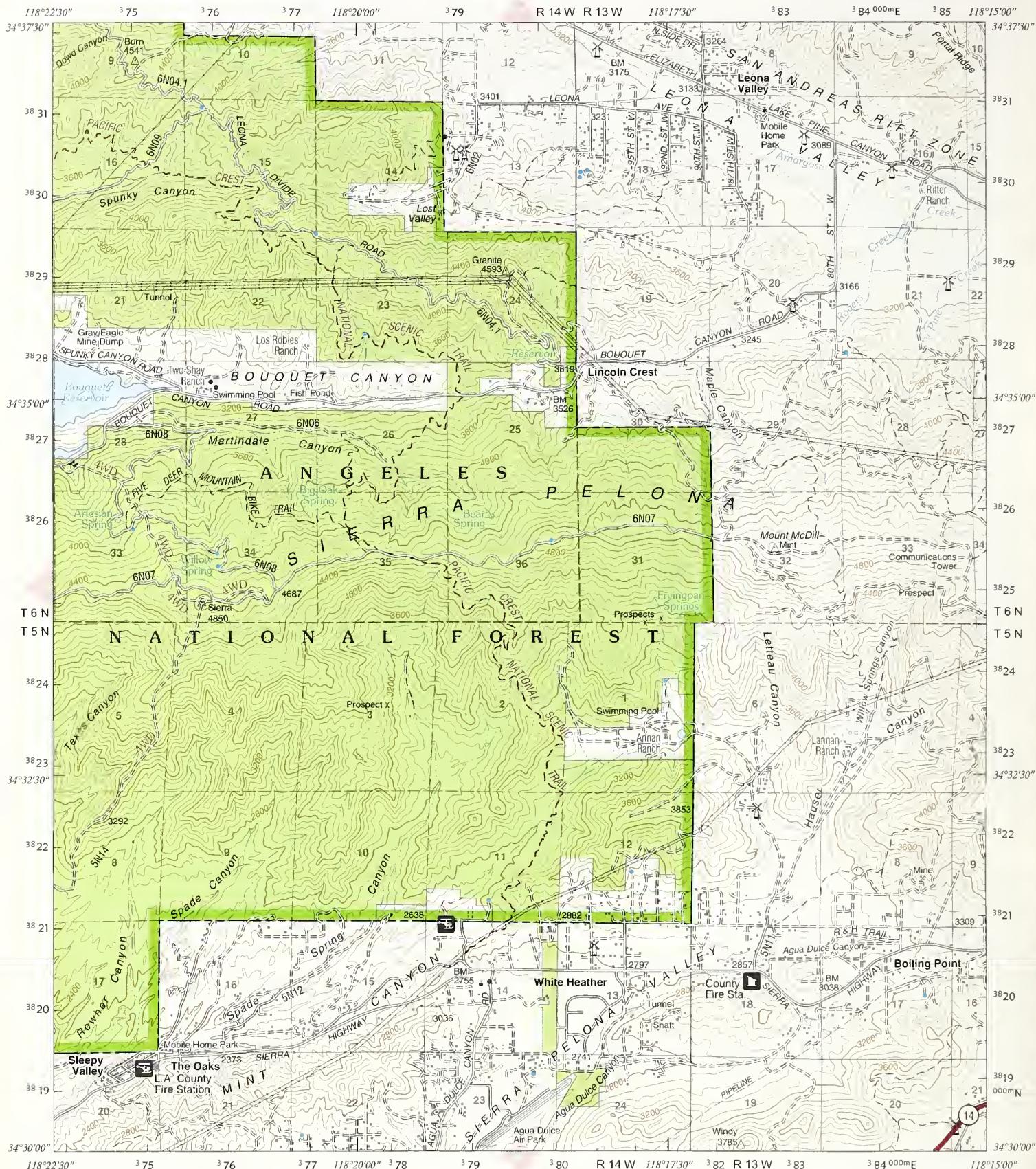
(1 inch to the mile)



Contour Interval 80 Feet

Bumt Peak	Lake Hughes	Del Sur
Warm Springs Mountain	Green Valley	Sleepy Valley
Newhall	Mint Canyon	Agua Dulce

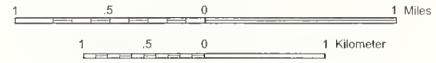
SLEEPY VALLEY, CALIFORNIA



Lake Hughes	Del Sur	Lancaster West
Green Valley	Sleepy Valley	Ritter Ridge
Mint Canyon	Aguadulce	Acton

Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet

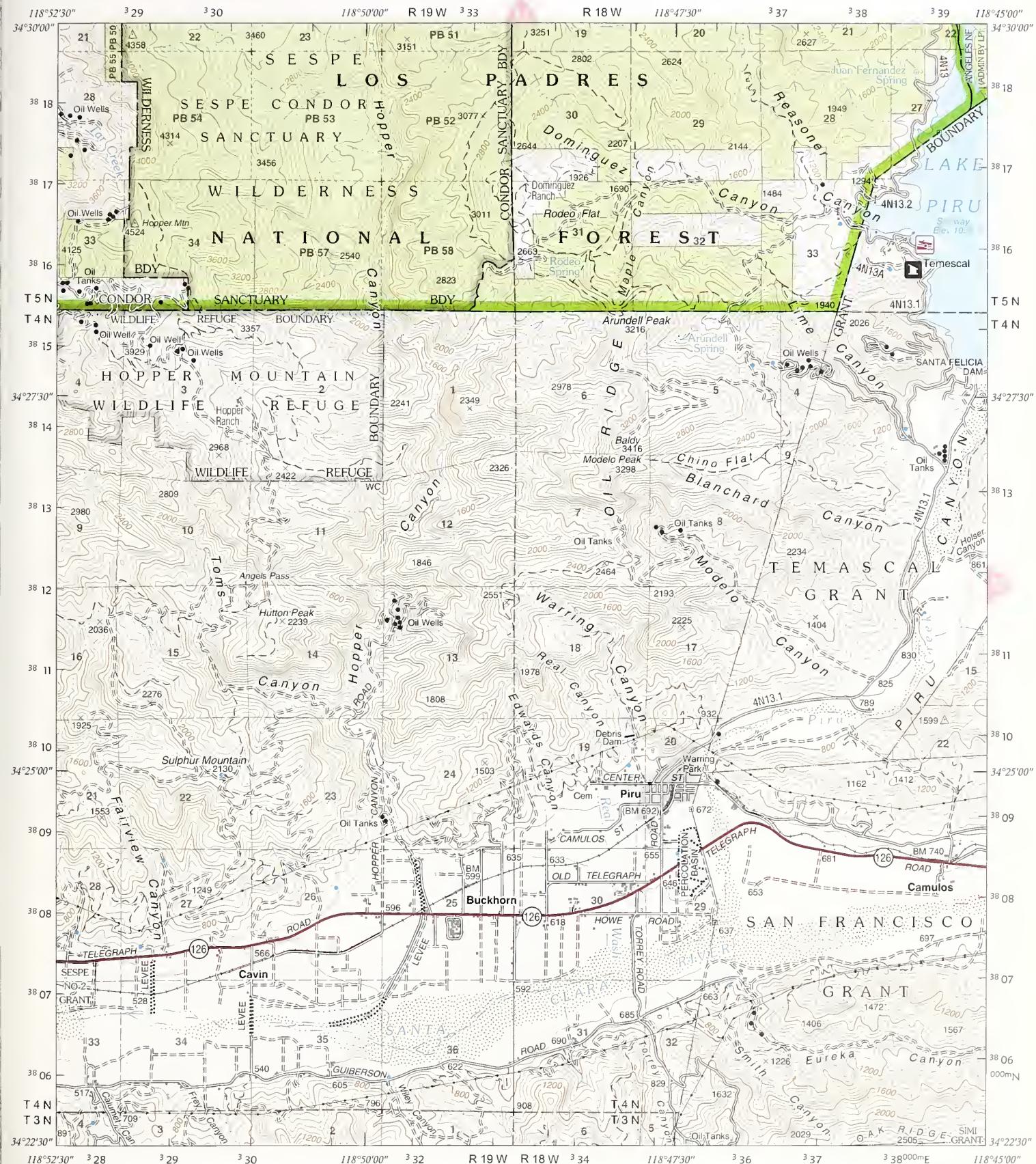
GN 0° 45'
13 MILS
MN 31° 40'
243 MILS

UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927
(NAD 27).

Projection: California State Plane,
Zone 5 (Lambert Conformal Conic).

GN $1^{\circ} 1'$
18 MILS

MN $13^{\circ} 43'$
244 MILS

UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet

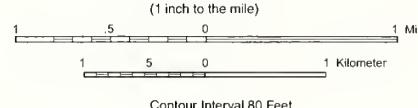
Devils Heart Peak	Cobblestone Mountain	Whitaker Peak
Fillmore	Piru	Val Verde
Moorpark	Simi Valley West	Simi Valley East



Cobblestone Mountain	Whitaker Peak	Warm Springs Mountain
Piru	Val Verde	Newhall
Simi Valley West	Simi Valley East	Oat Mountain

Scale 1 : 63,360

(1 inch to the mile)

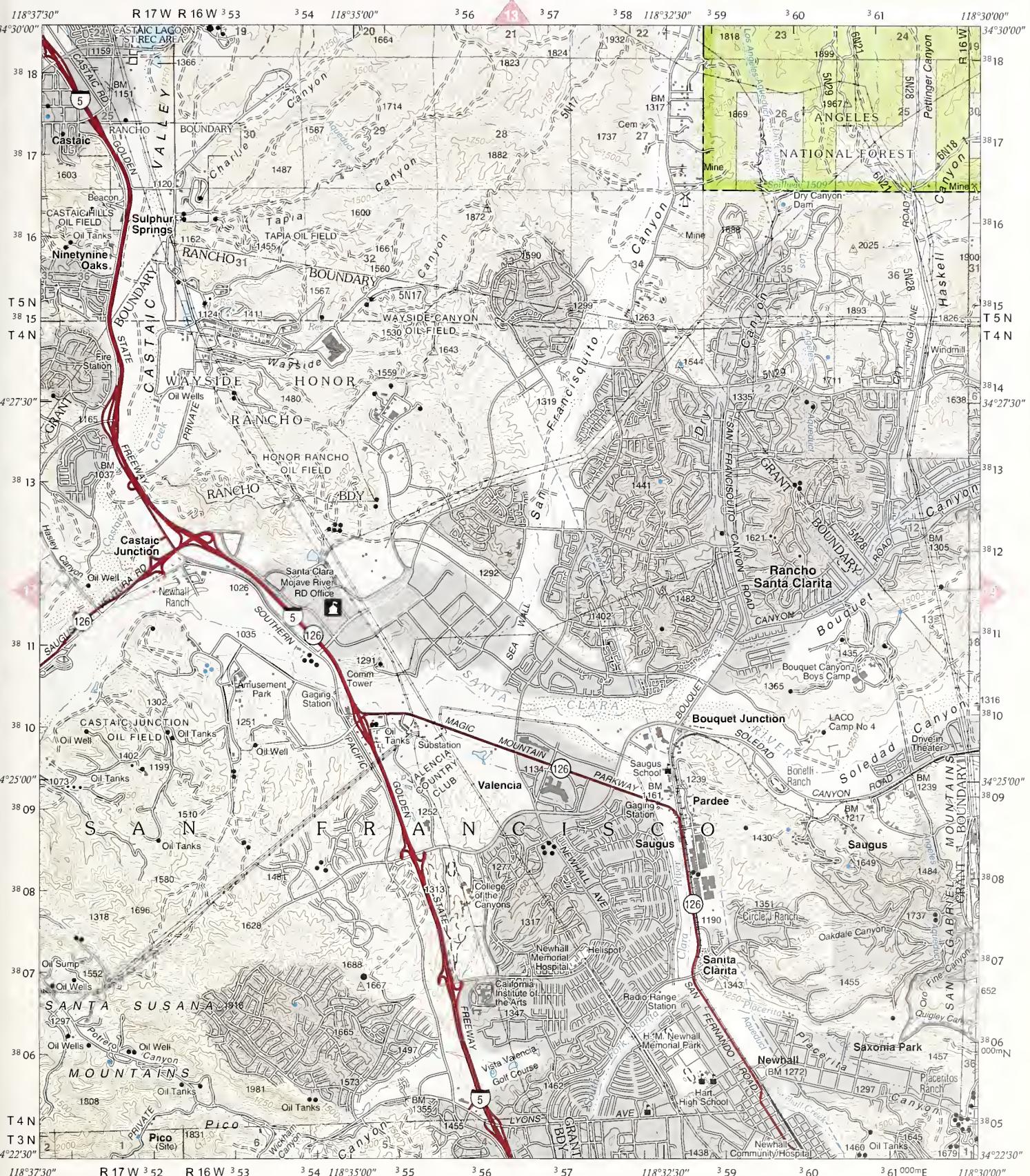


UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927
(NAD 27).

Projection: California State Plane,
Zone 5 (Lambert Conformal Conic).



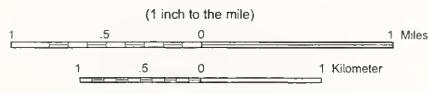
Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).

Scale 1:63,360

(1 inch to the mile)

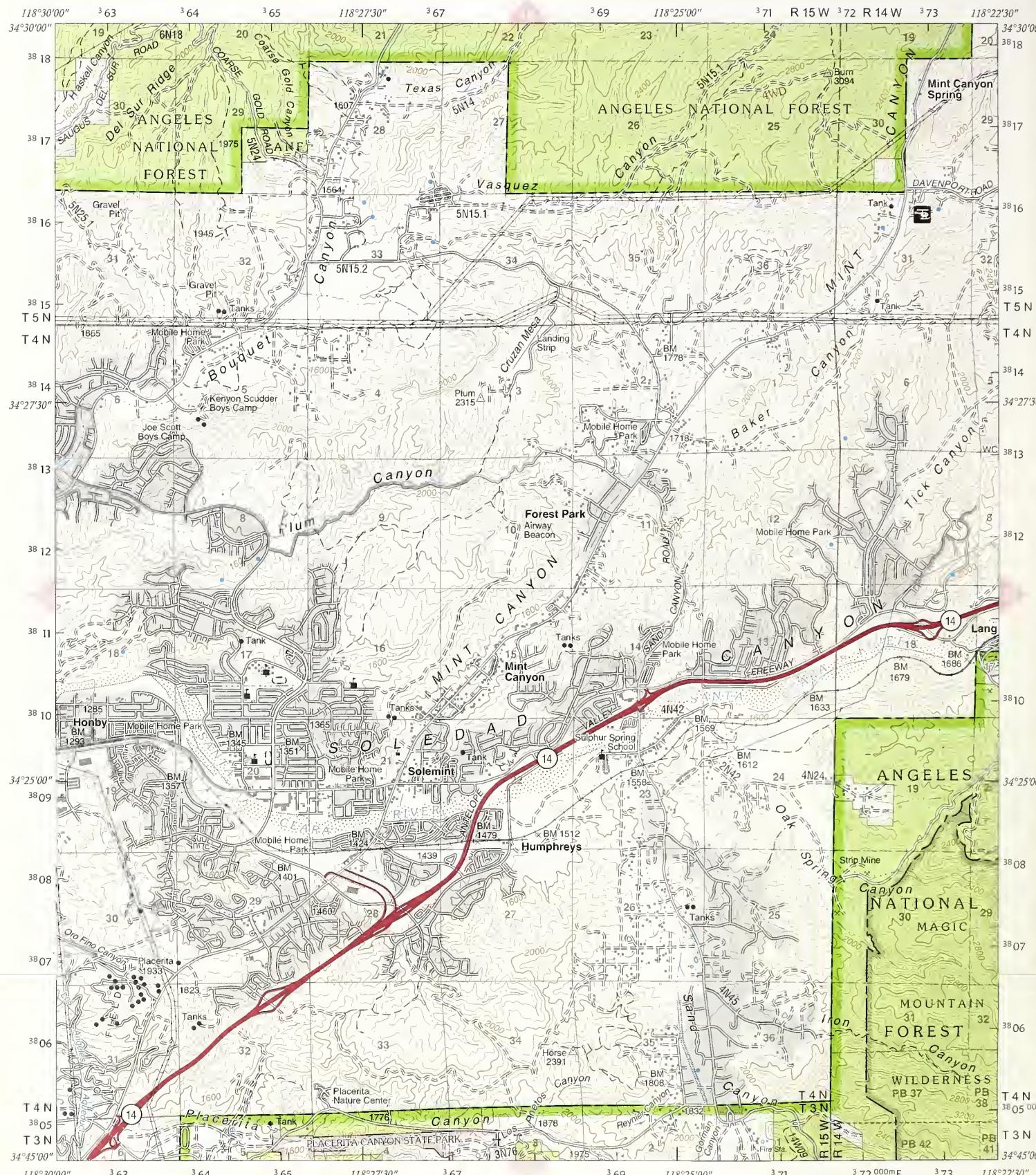


Contour Interval 50 Feet

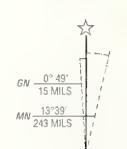
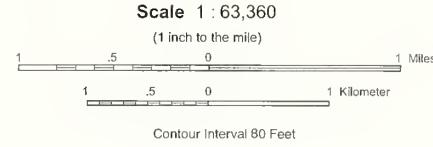
Whitaker Peak	Warm Springs Mountain	Green Valley
Val Verde	Newhall	Mint Canyon
Simi Valley East	Oat Mountain	San Fernando



UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet



Warm Springs Mountain	Green Valley	Sleepy Valley
Newhall	Mint Canyon	Aqua Dulce
Oat Mountain	San Fernando	Sunland

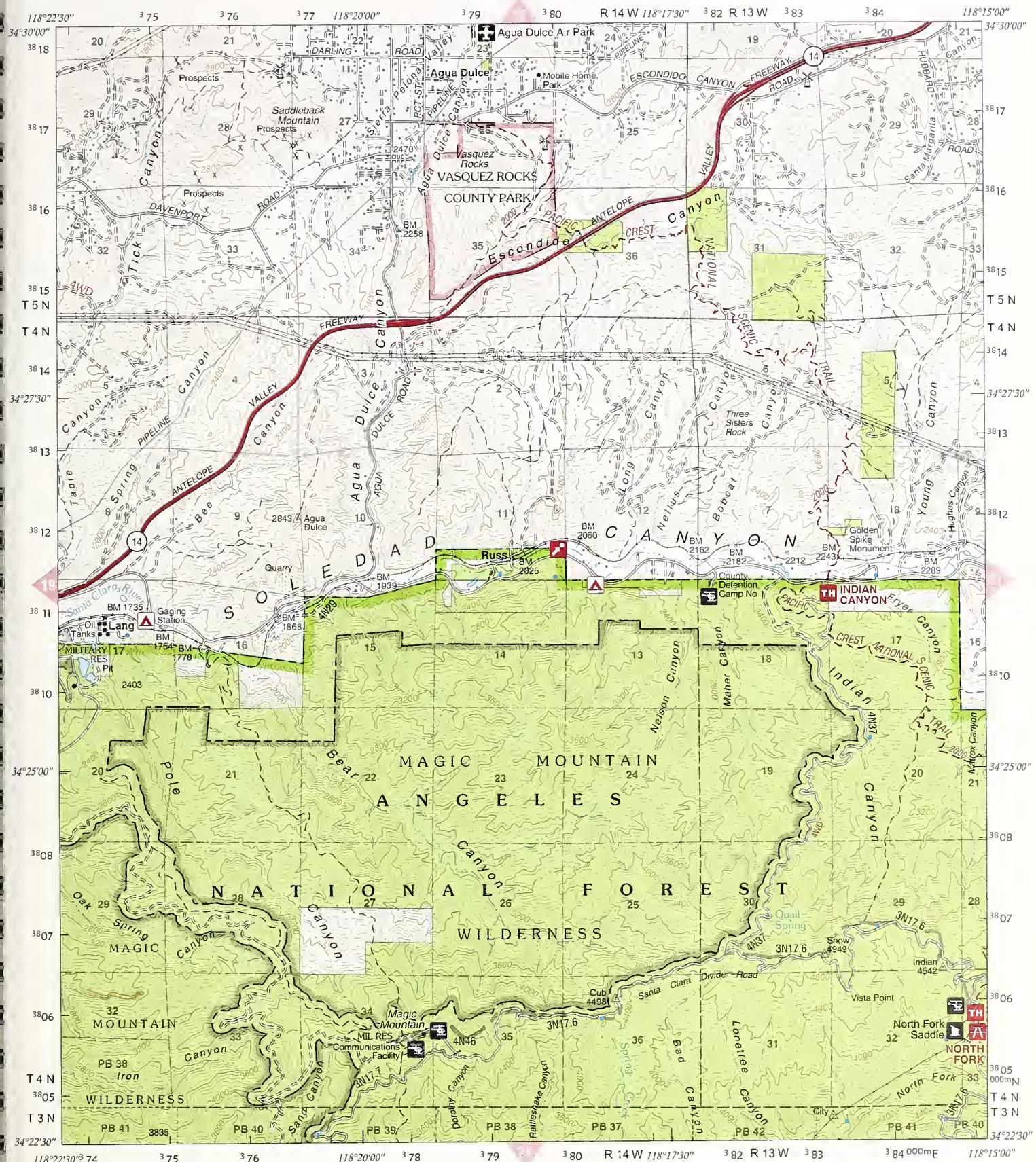


UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).

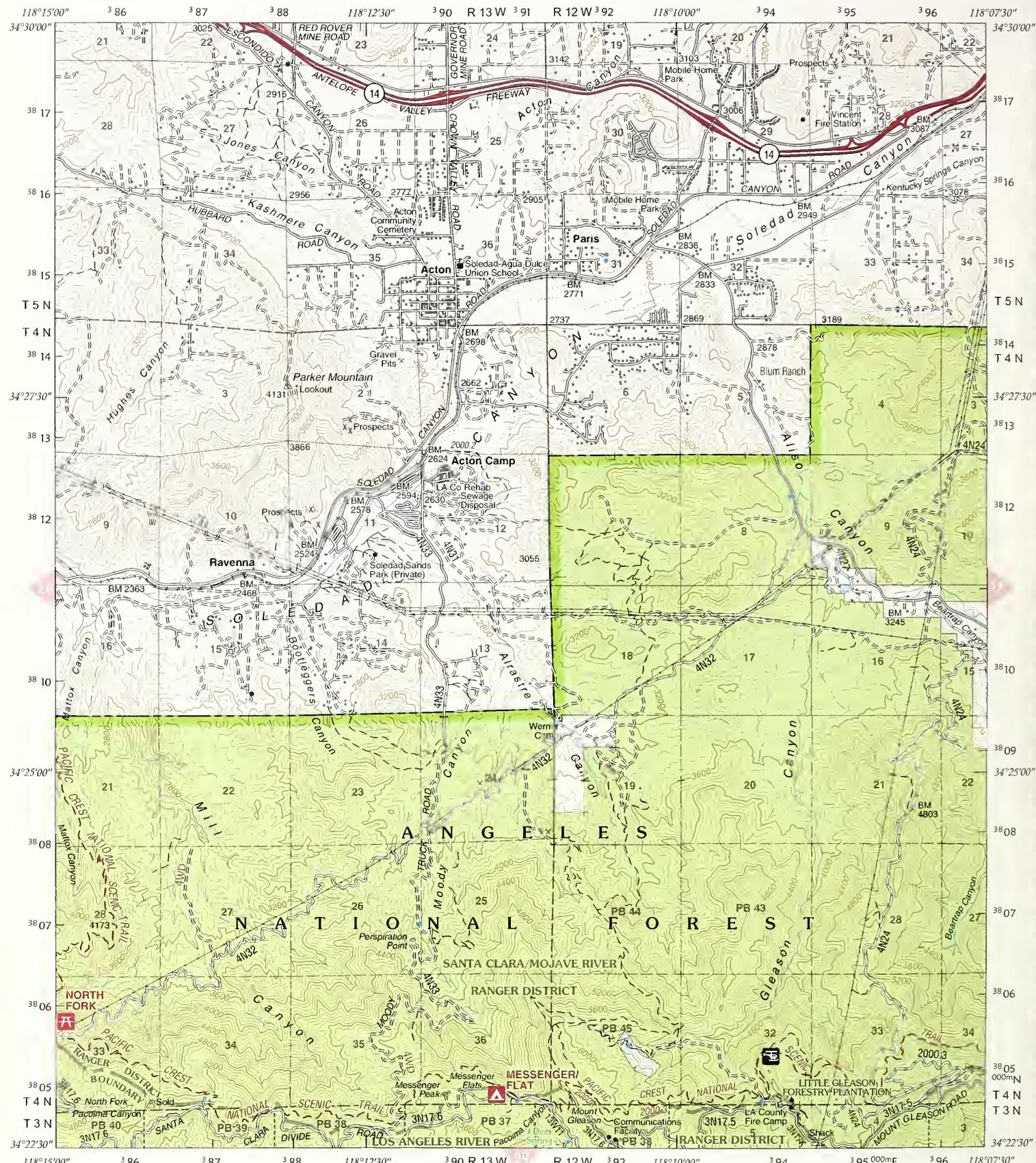


Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).

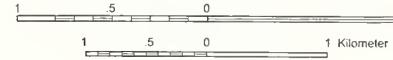
Green Valley	Sleepy Valley	Ritter Ridge
Mint Canyon	Agua Dulce	Acton
San Fernando	Sunland	Condor Peak



Sleepy Valley	Ritter Ridge	Palmdale
Agua Dulce	Acton	Pacifico Mountain
Sunland	Condor Peak	Chilao Flat

Scale 1:63,360

(1 inch to the mile)



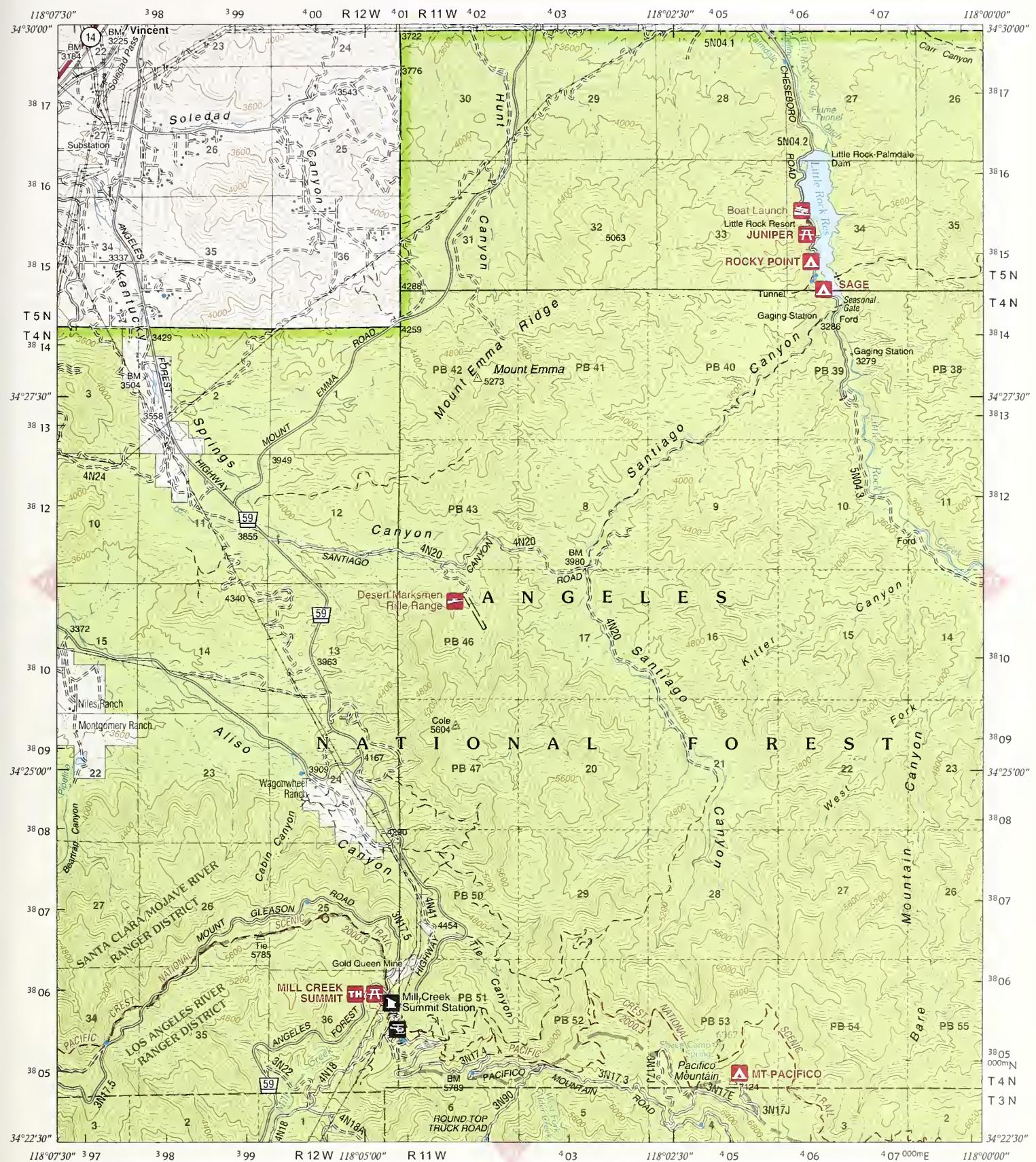
Contour Interval 80 Feet



UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.
North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927
(NAD 27).

Projection: California State Plane,
Zone 5 (Lambert Conformal Conic).

GN $0^{\circ} 36'$
11 MILS

MN $13^{\circ} 35'$
241 MILS

UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

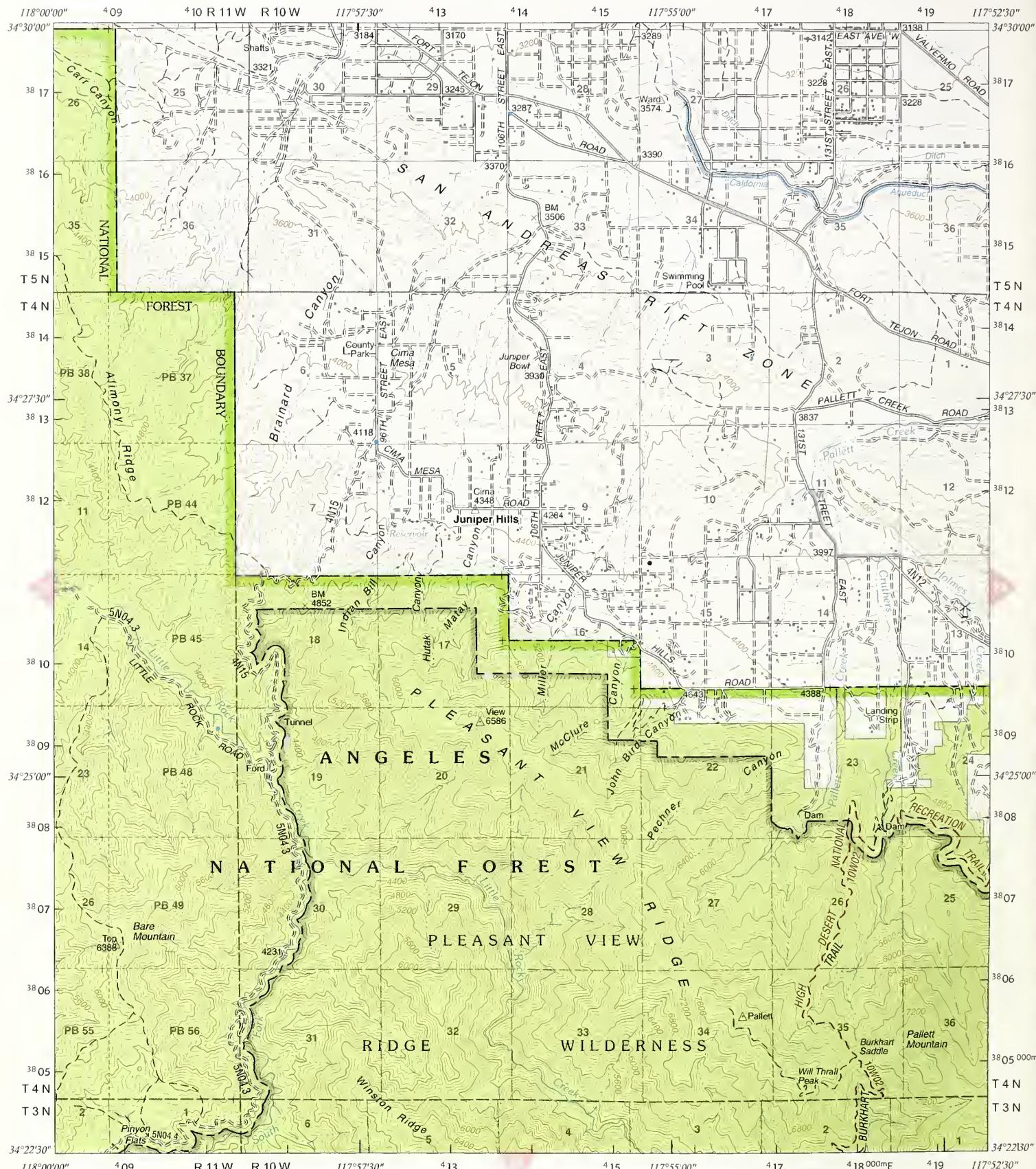
Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet

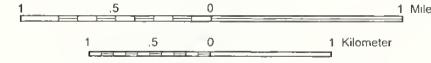
Ritter Ridge	Palmdale	Littlerock
Acton	Pacifico Mountain	Juniper Hills
Condor Peak	Chilao Flat	Waterman Mountain



Palmdale	Littlerock	Lovejoy Buttes
Pacifico Mountain	Juniper Hills	Valleyermo
Chilao Flat	Waterman Mountain	Crystal Lake

Scale 1 : 63,360

(1 inch to the mile)

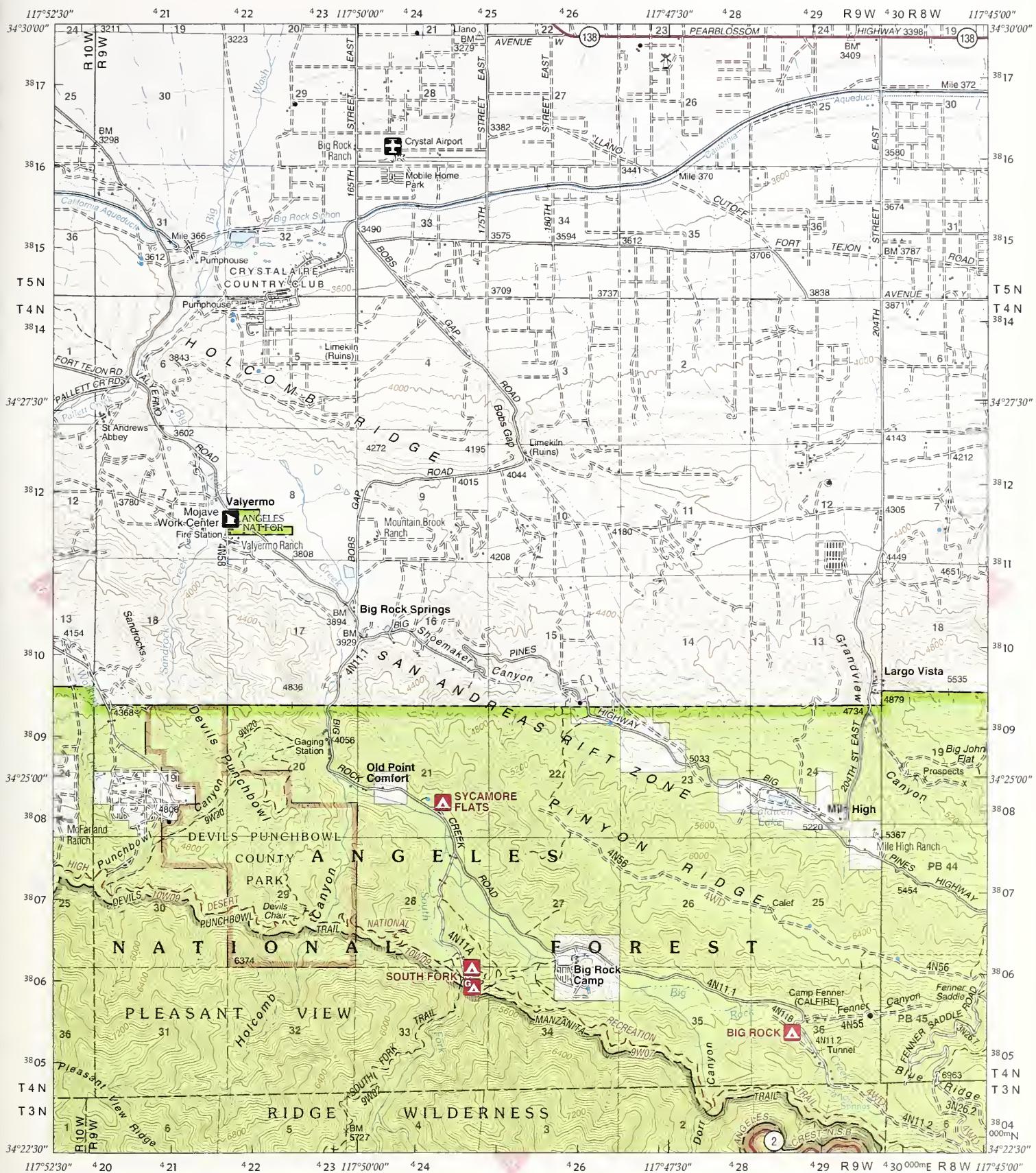


Contour Interval 80 Feet

UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.
North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



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North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Scale 1 : 63,360

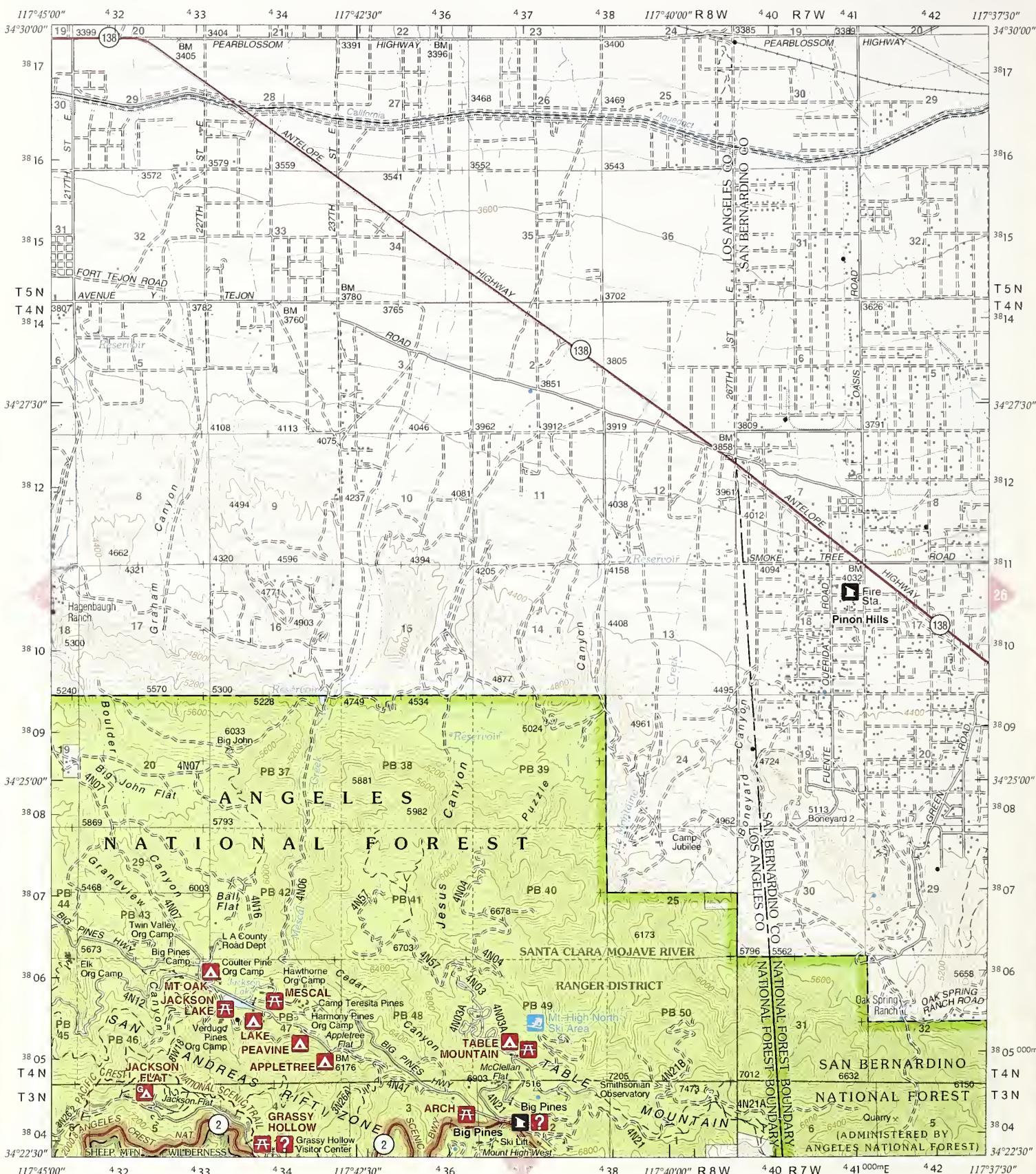
(1 inch to the mile)



Contour Interval 80 Feet

Littlerock	Lovejoy Buttes	El Mirage
Juniper Hills	Valyermo	Mescal Creek
Waterman Mountain	Crystal Lake	Mount San Antonio

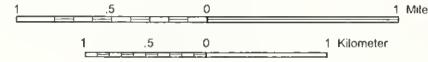
MESCAL CREEK, CALIFORNIA

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

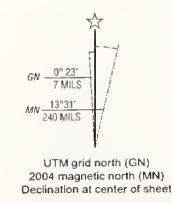
Lovejoy Buttes	El Mirage	Shadow Mountains SE
Valyermo	Mescal Creek	Phelan
Crystal Lake	Mount San Antonio	Telegraph Peak

Scale 1 : 63,360

(1 inch to the mile)



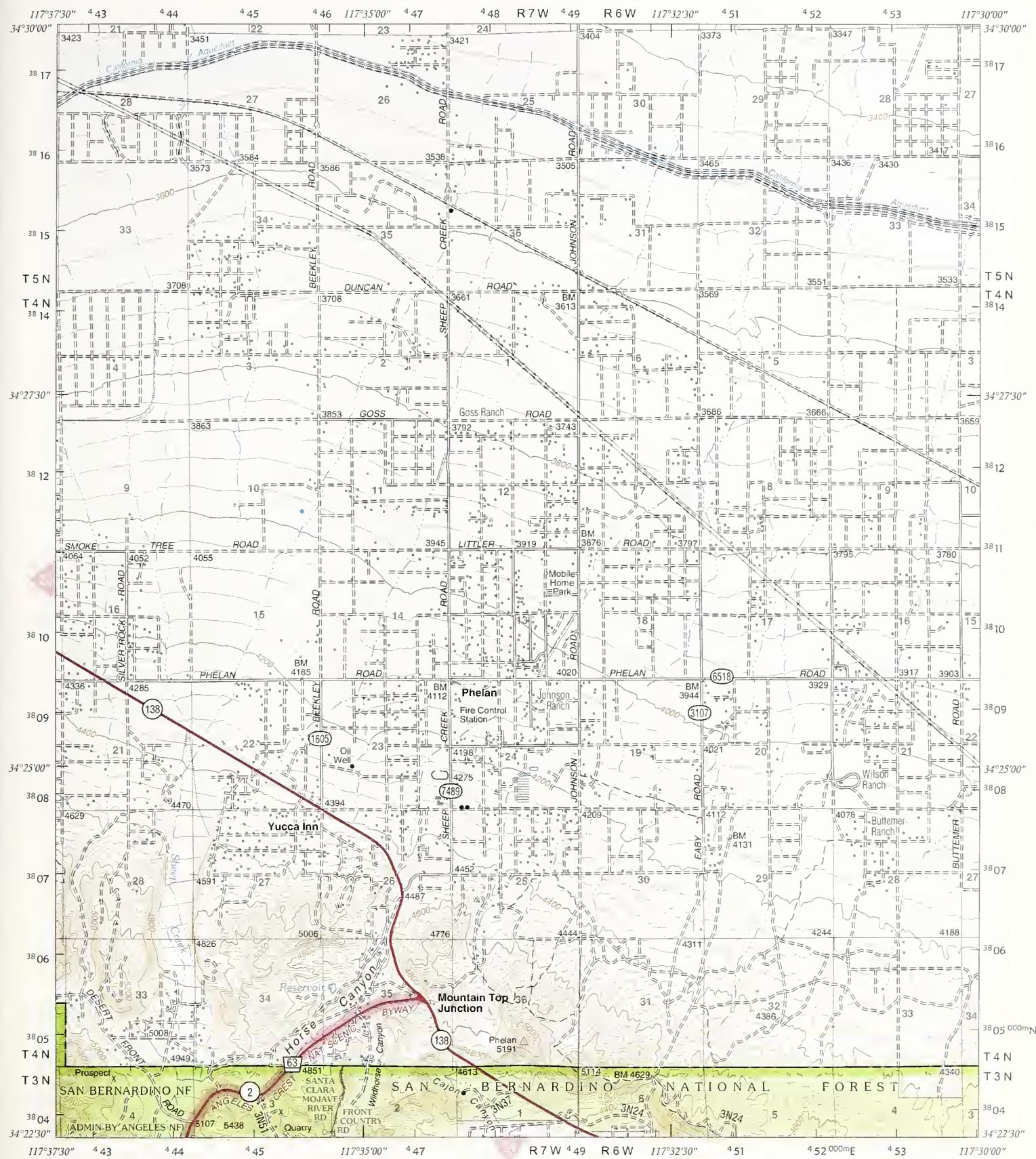
Contour Interval 80 Feet



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009

North American Datum of 1927
(NAD 27).

Projection: California State Plane,
Zone 5 (Lambert Conformal Conic)

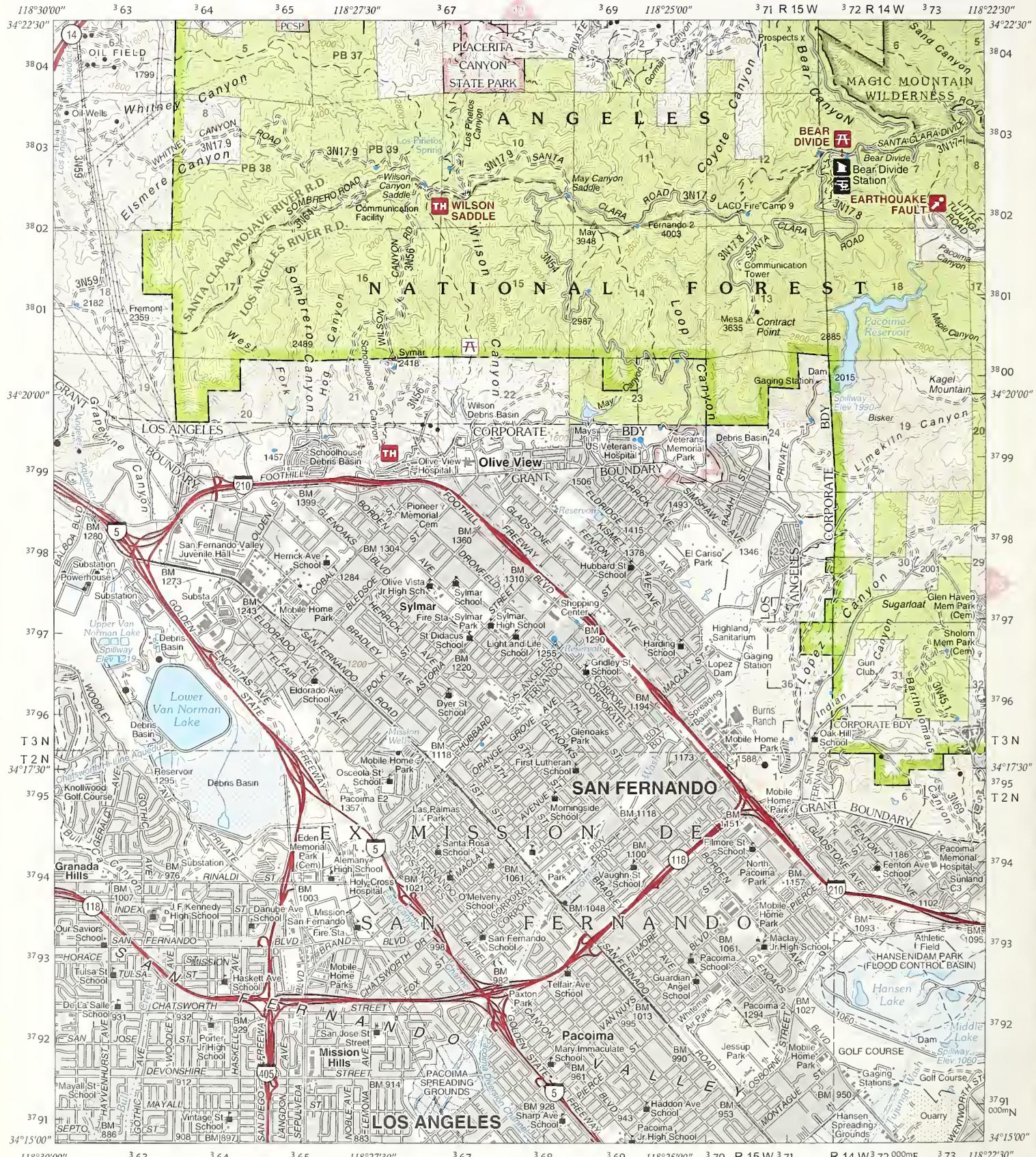
Scale 1 : 63,360

(1 inch to the mile)

Contour Interval 40 Feet

El Mirage	Shadow Mountains SE	Adelanto
Mescal Creek	Phelan	Baldy Mesa
Mount San Antonio	Telegraph Peak	Cajon

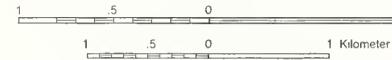
SAN FERNANDO, CALIFORNIA

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

Newhall	Mint Canyon	Aqua Dulce
Oat Mountain	San Fernando	Sunland
Canoga Park	Van Nuys	Burbank

Scale 1:63,360

(1 inch to the mile)



Contour Interval 80 Feet

Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



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North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).

UTM grid north (GN) 2004 magnetic north (MN)
Declination at center of sheet

Scale 1 : 63,360

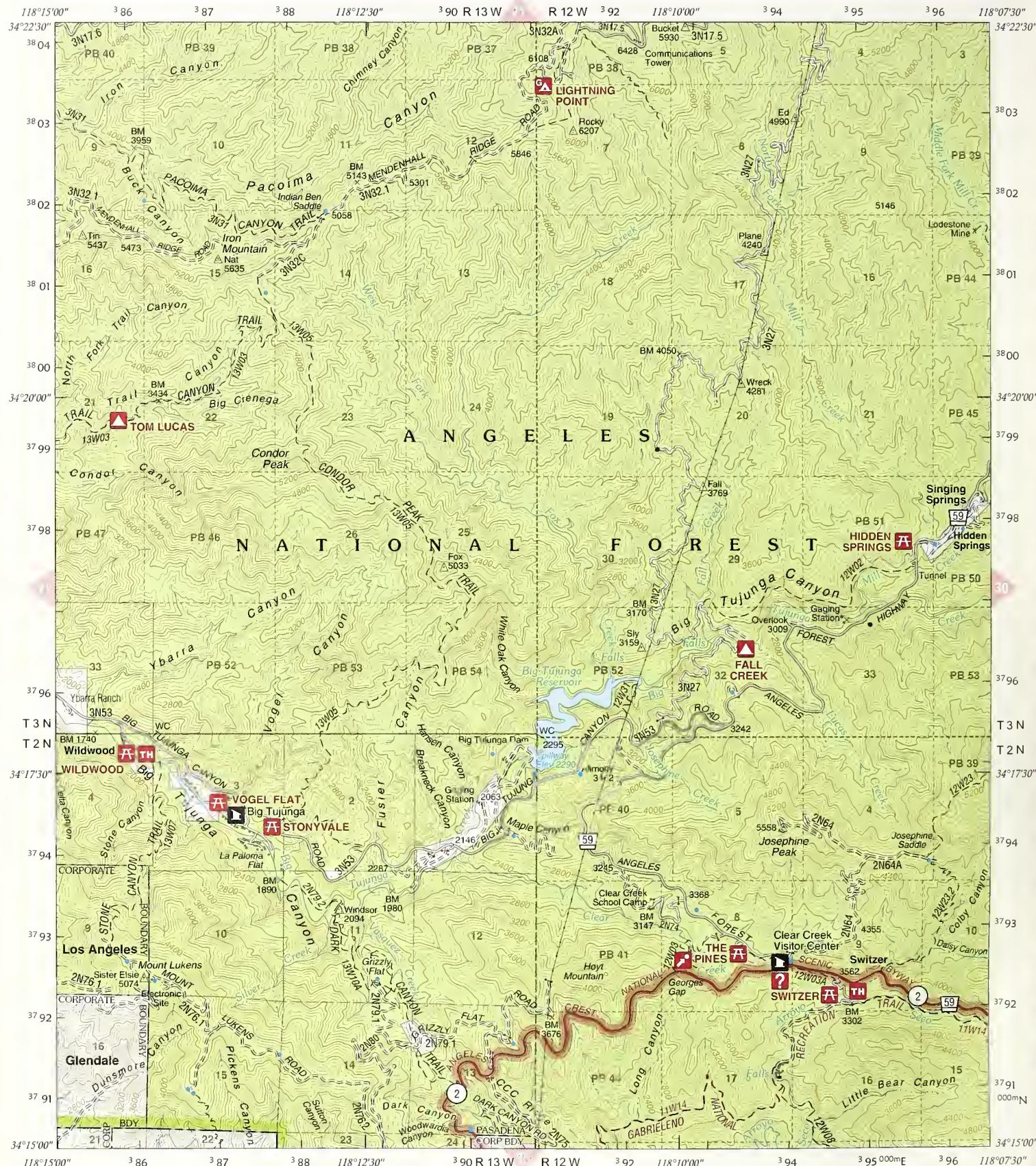
(1 inch to the mile)



Contour Interval 80 Feet

Mint Canyon	Aqua Dulce	Acton
San Fernando	Sunland	Condor Peak
Van Nuys	Burbank	Pasadena

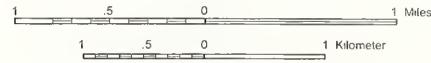
CONDOR PEAK, CALIFORNIA



Agua Dulce	Action	Pacifico Mountain
Sunland	Condor Peak	Chino Flat
Burbank	Pasadena	Mount Wilson

Scale 1:63,360

(1 inch to the mile)



Contour Interval 80 Feet

UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927
(NAD 27)

Projection: California State Plane,
Zone 5 (Lambert Conformal Conic)

GN $0^{\circ} 36'$
11 MILS
MN $13^{\circ} 33'$
241 MILS

UTM grid north (GN)
2004 magnetic north (MN)
Decimation at center of sheet

Scale 1 : 63,360
(1 inch to the mile)

1 Miles

1 Kilometer

Acton	Pacifico Mountain	Juniper Hills
Condor Peak	Chilao Flat	Waterman Mountain
Pasadena	Mount Wilson	Azusa

WATERMAN MOUNTAIN, CALIFORNIA



Pacifico Mountain	Juniper Hills	Valyermo
Chilao Flat	Waterman Mountain	Crystal Lake
Mount Wilson	Azusa	Glendora

Scale 1 : 63,360

(1 inch to the mile)



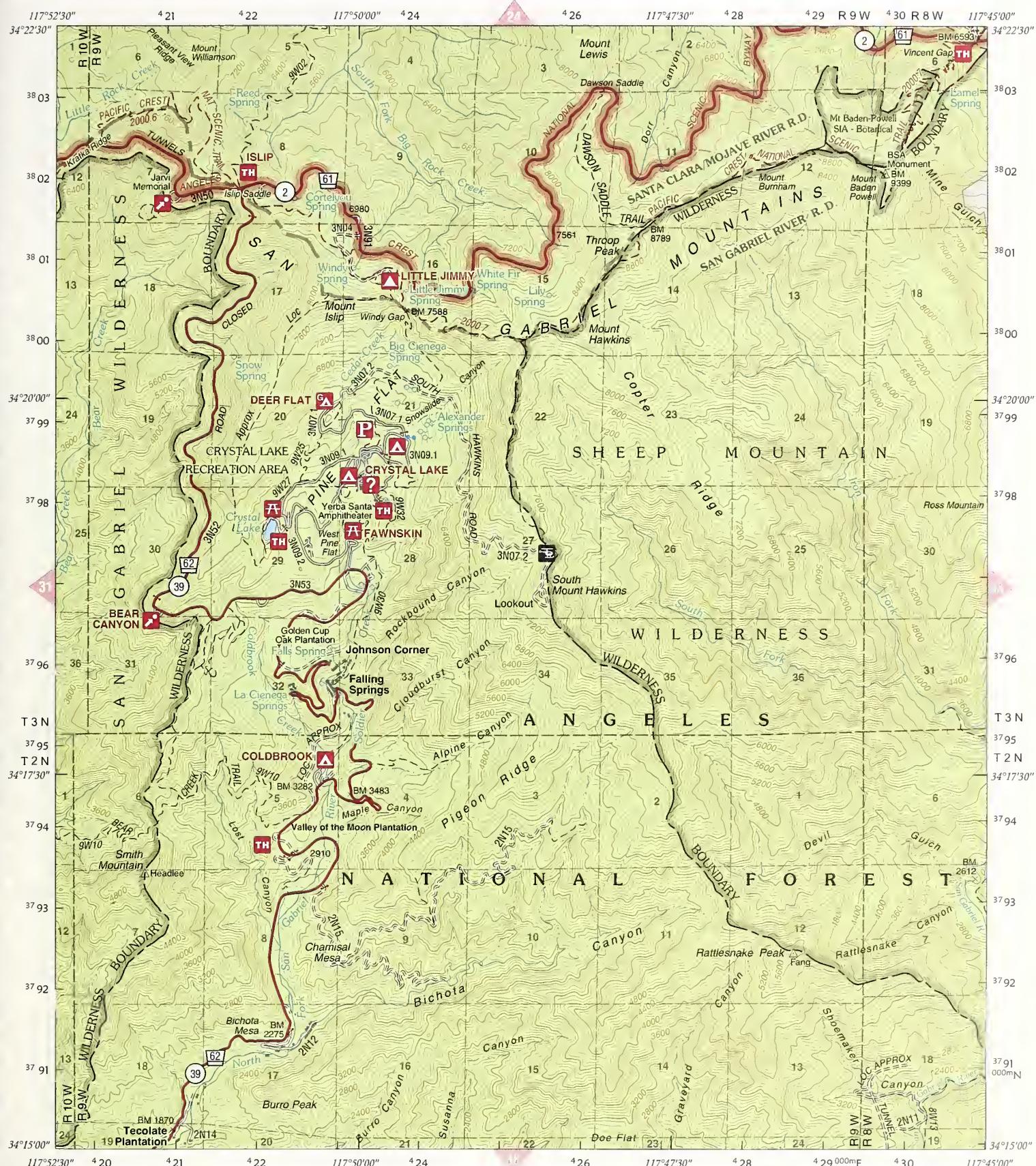
Contour Interval 80 Feet

UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927 (NAD 27).

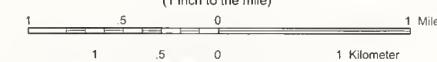
Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Scale 1: 63,360

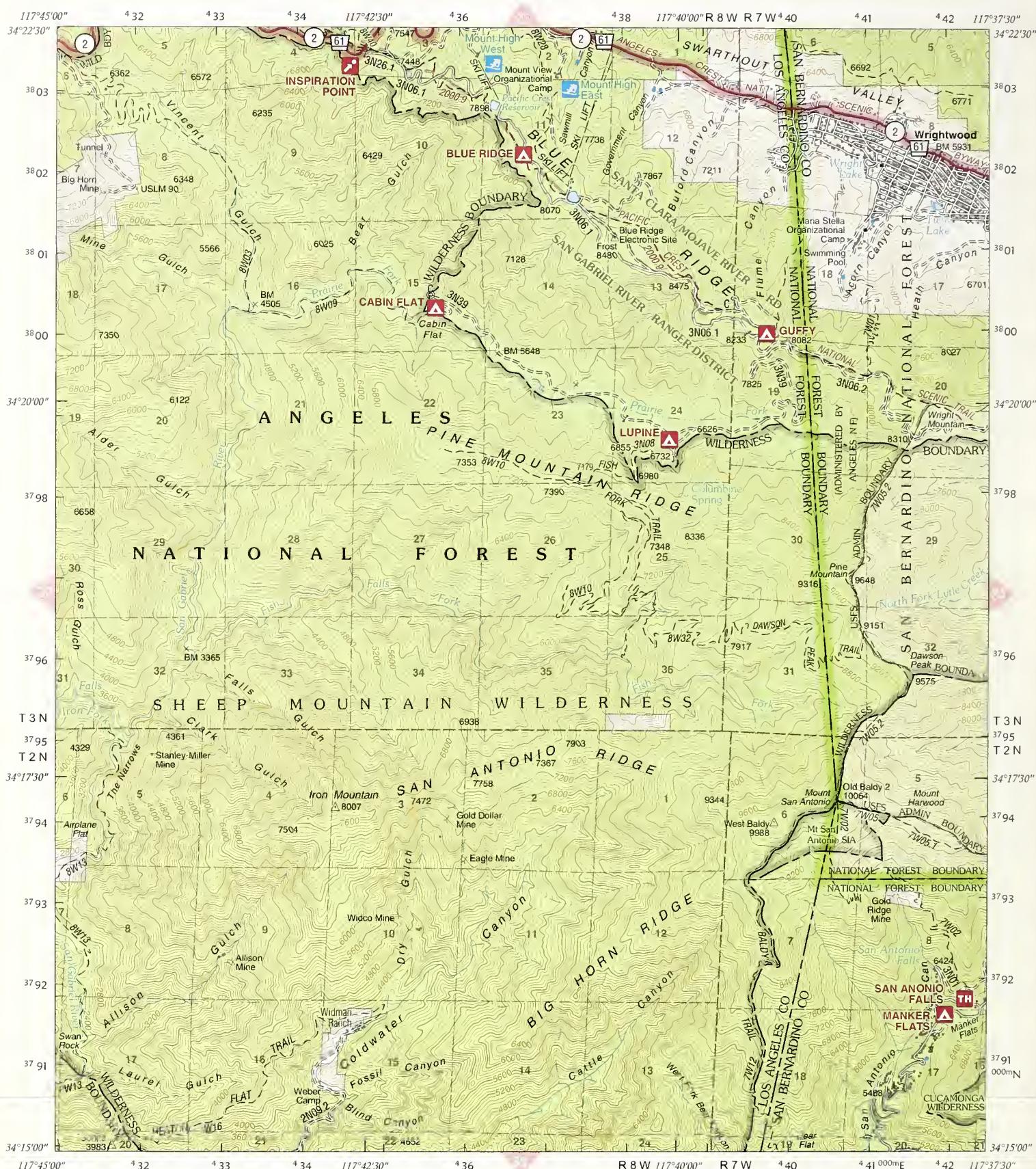
(1 inch to the mile)



Contour Interval 80 Feet

Juniper Hills	Valyermo	Mescal Creek
Waterman Mountain	Crystal Lake	Mount San Antonio
Azusa	Glendora	Mount Baldy

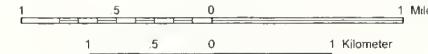
MOUNT SAN ANTONIO, CALIFORNIA



Valyermo	Mescal Creek	Phelan
Crystal Lake	Mount San Antonio	Telegraph Peak
Glendora	Mount Baldy	Cucamonga Peak

Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet



UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

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North American Datum of 1927 (NAD 27).

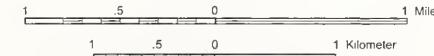
Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

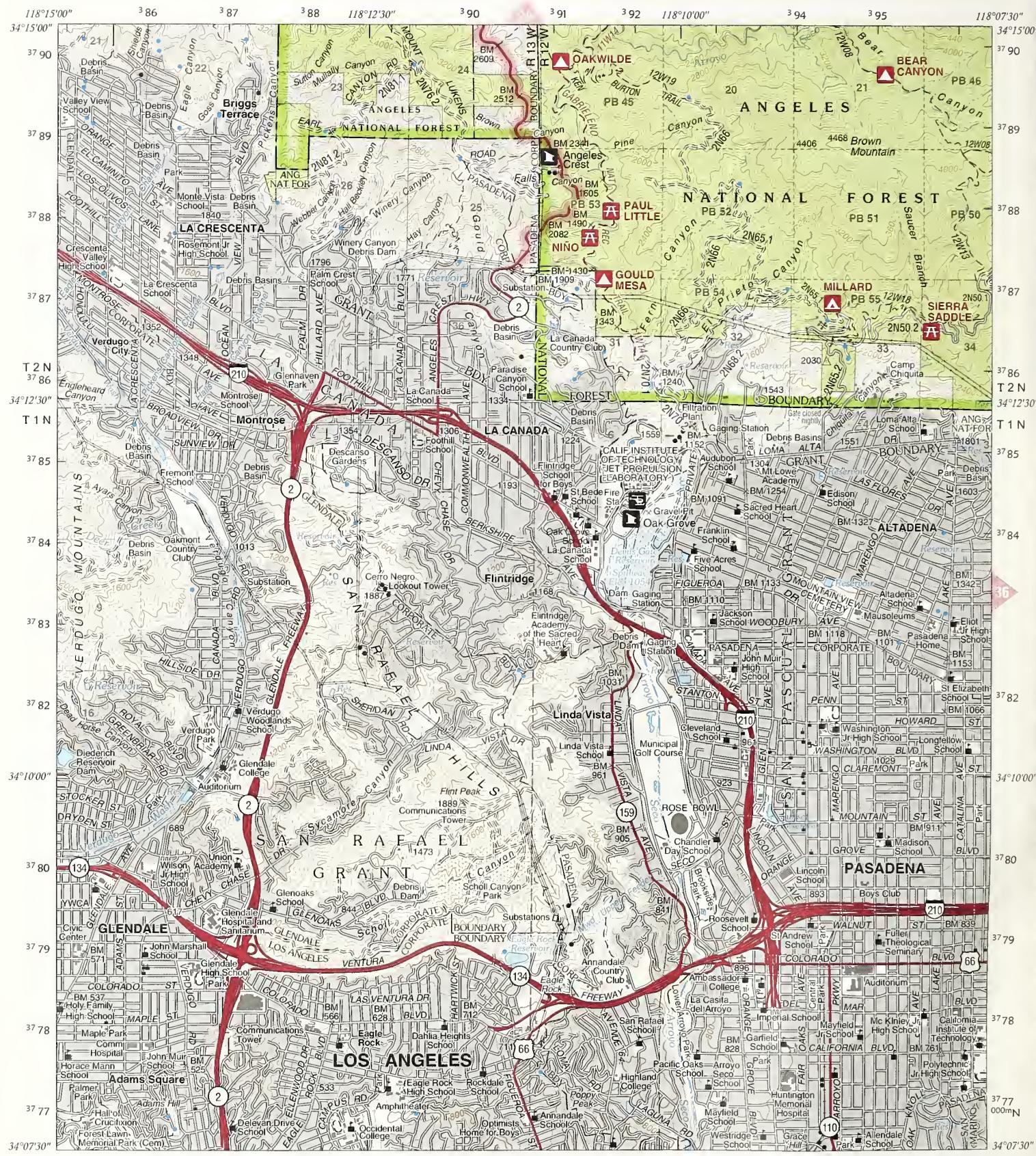
Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet

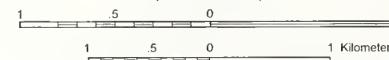
Mescal Creek	Phelan	Baldy Mesa
Mount San Antonio	Telegraph Peak	Cajon
Mount Baldy	Cucamonga Peak	Devore



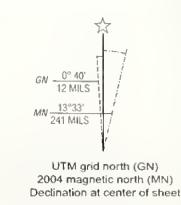
Sunland	Condor Peak	Chilao Flat
Burbank	Pasadena	Mount Wilson
Hollywood	Los Angeles	El Monte

Scale 1 : 63,360

(1 inch to the mile)

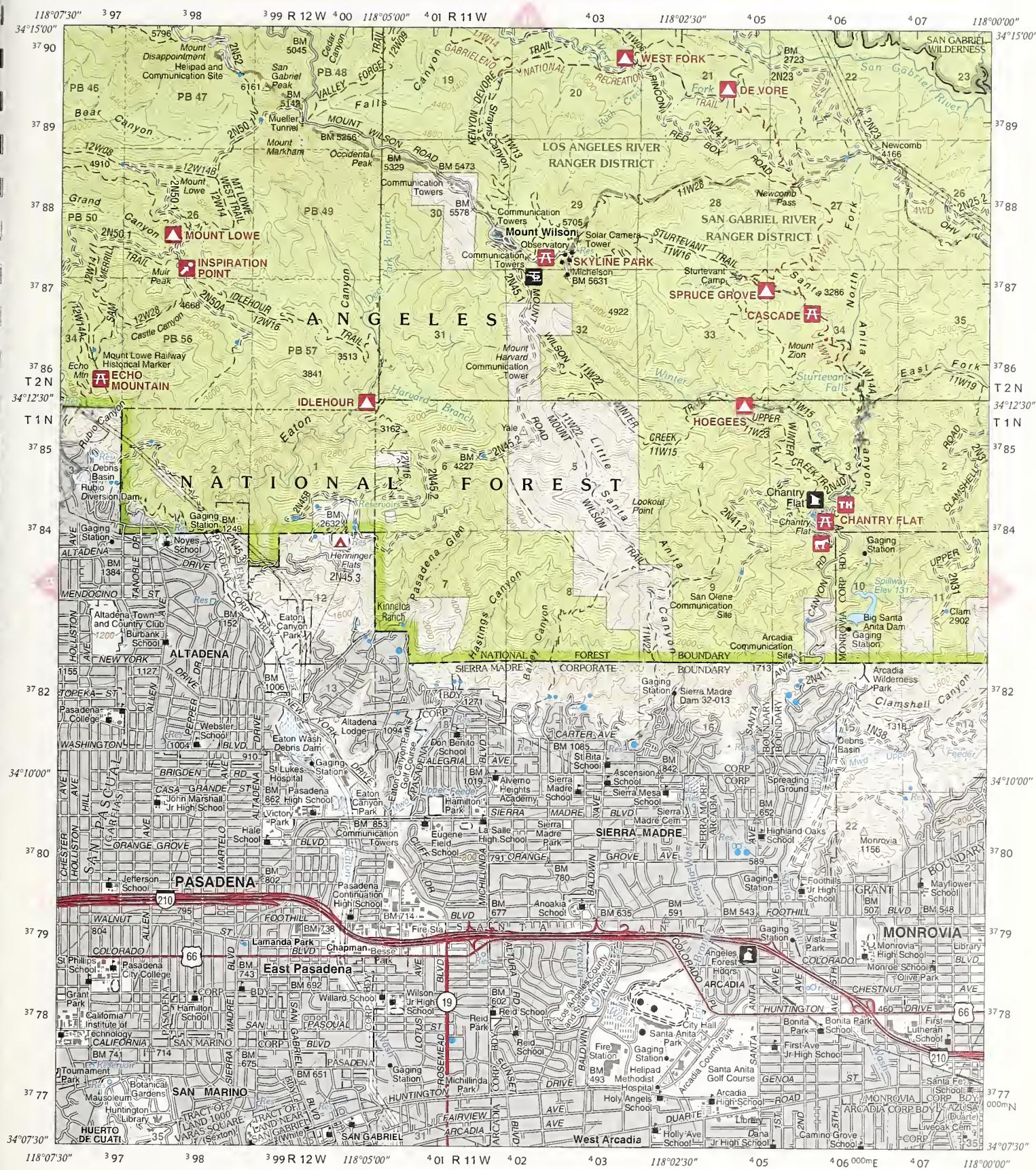


Contour Interval 80 Feet



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009

North American Datum of 1927 (NAD 27)



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

North American Datum of 1927
(NAD 27).

Projection: California State Plane,
Zone 5 (Lambert Conformal Conic)

UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Scale 1 : 63,360

(1 inch to the mile)

Contour Interval 80 Feet

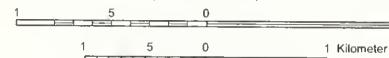
Condor Peak	Chilao Flat	Waterman Mountain
Pasadena	Mount Wilson	Azusa
Los Angeles	El Monte	Baldwin Park



Chilao Flat	Waterman Mountain	Crystal Lake
Mount Wilson	Azusa	Glendora
El Monte	Baldwin Park	San Dimas

Scale 1 : 63,360

(1 inch to the mile)



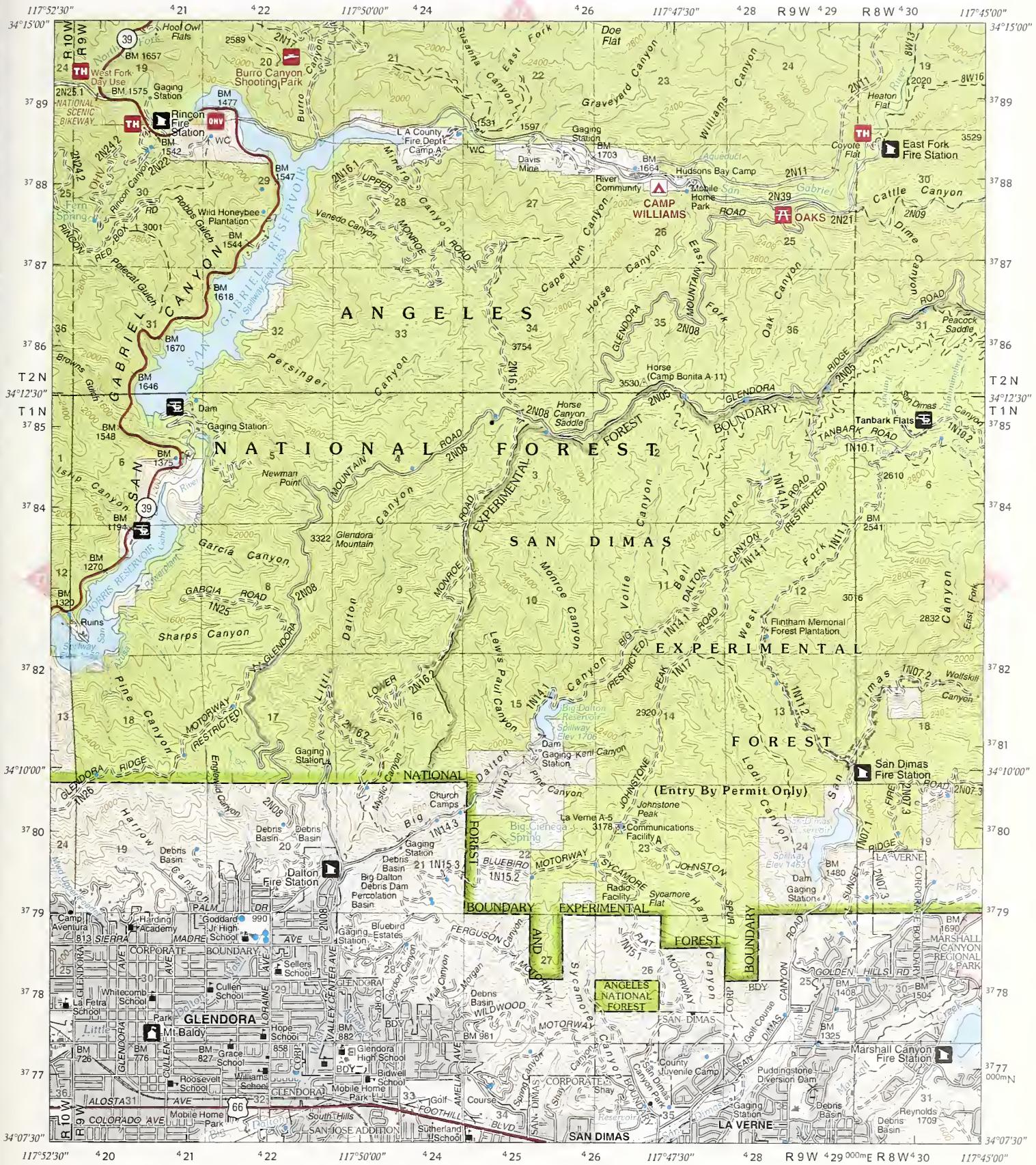
Contour Interval 80 Feet

 UTM grid north (GN)
 2004 magnetic north (MN)
 Declination at center of sheet

Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 2005. Minor revisions 2009.

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North American Datum of 1927 (NAD 27).

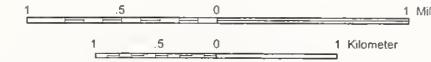
Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet

Waterman Mountain	Crystal Lake	Mount San Antonio
Azusa	Glendora	Mount Baldy
Baldwin Park	San Dimas	Ontario



Crystal Lake	Mount San Antonio	Telegraph Peak
Glendora	Mount Baldy	Cucamonga Peak
San Dimas	Ontario	Gausti

Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet

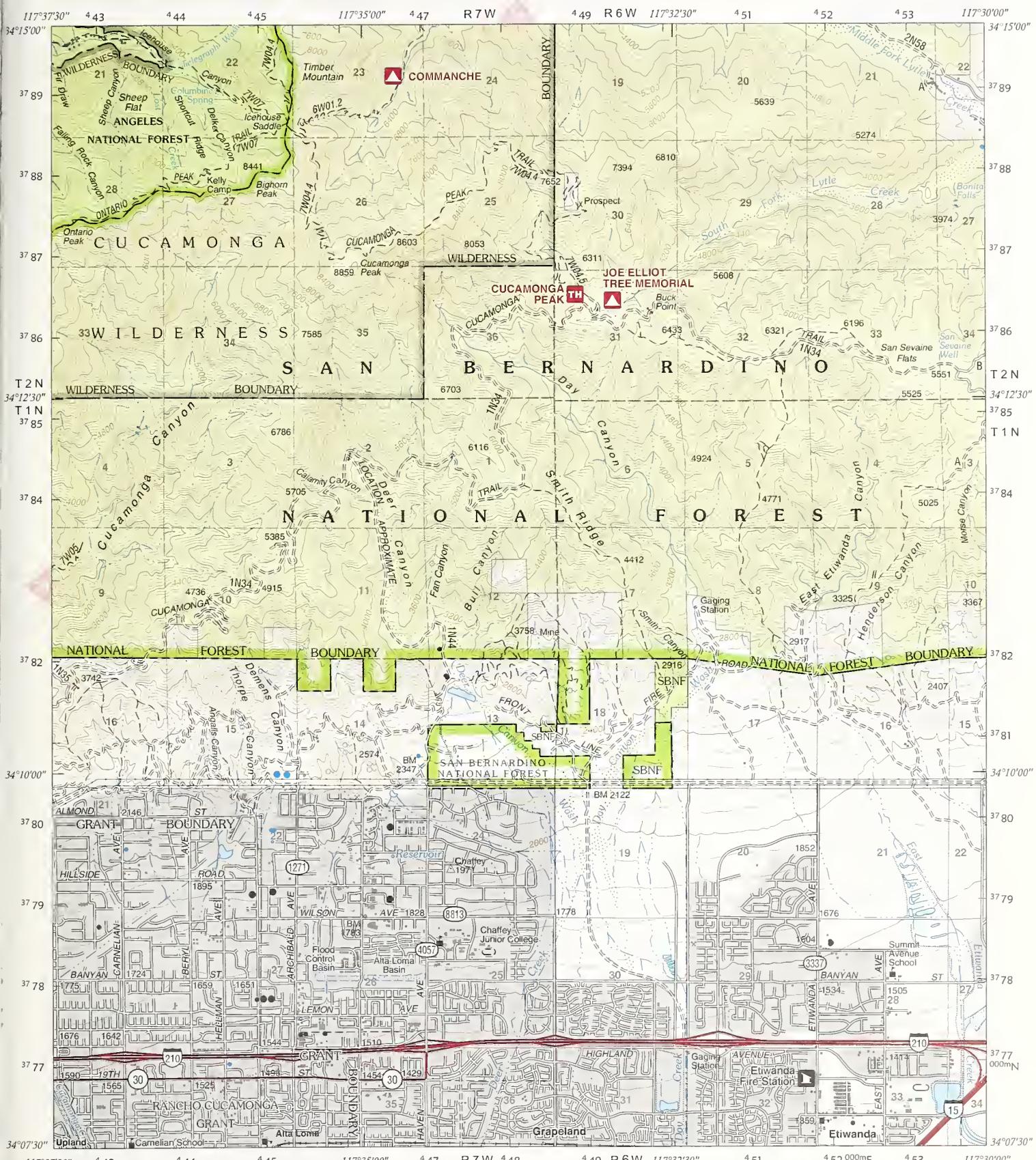
UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet



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Projection: California State Plane, Zone 5 (Lambert Conformal Conic).



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UTM grid north (GN)
2004 magnetic north (MN)
Declination at center of sheet

Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet

Mount San Antonio	Telegraph Peak	Cajon
Mount Baldy	Cucamonga Peak	Devore
Ontario	Guasti	Fontana

LEGEND

BOUNDARIES

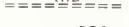
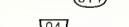
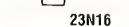
Federal:

-  National Forest
-  National Forest Wilderness Area
-  National Recreation Area
-  National Protected Area
-  Ranger District
-  Native Land or tract
-  Military
-  FS/Purchase Unit/Admin. Unit

Other:

-  Protected Area
-  Recreation Area
-  County
-  Land Grant
-  City/Town

ROADS

-  Primary Highway
-  Paved Road
-  Gravel Road
-  Dirt Road
-  Unidentified Road
-  Unimproved Road
-  4WD
-  Interstate
-  U.S.
-  State
-  County
-  Primary Forest
-  Forest
-  Scenic Byway

TRAILS

-  National Recreation Trail
-  Trail

MISCELLANEOUS

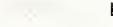
-  Pipe - Above/Under Ground
-  Levee
-  Transmission Line
-  Railway
-  Airport - Paved
-  Airport/Airstrip - Unpaved
-  Ski Lift
-  Track
-  Corral



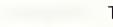
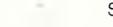
COVER PHOTO: San Gabriel River by Roy Murphy.

PRODUCTION: Produced by USDA Forest Service, Pacific Southwest Region, Geometronics with the Angeles National Forest. Data was compiled from Cartographic Feature Files, 30 meter Digital Elevation Models and the Forest Visitor Map. This atlas was produced using ArcINFO™ and Adobe® Illustrator®.

AREAS

-  Angeles National Forest
-  Adjacent National Forest
-  Non-Forest Service Land
-  Urban Area
-  Sand
-  Gravel
-  Quarry and Tailings
-  Lava

WATER FEATURES

-  Perennial
-  Intermittent
-  Inundated
-  Dry Lake
-  Streams - Perennial
-  Streams - Intermittent
-  Elevated Pipe/Aqueduct
-  Tunnel
-  Swamp/Marsh

TOPOGRAPHIC FEATURES (Elevation in feet)

-  Index Contour
-  Intermediate Contour
-  100 x Spot Elevation
-  ▲ Benchmark

SURVEYS

Township/Range Lines:

-  Reliable
-  Approximate
-  Doubtful
-  Protracted
-  Other Surveys

Section Lines:

-  Reliable
-  Approximate
-  Doubtful
-  Protracted
-  Other Surveys
-  Section Corners Found

SYMBOLS

-  Picnic Area - Forest Service/Other
-  Campground - Forest Service/Other/Group
-  Undeveloped Campsite - Forest Service/Other
-  Point of Interest
-  Trailhead
-  Parking
-  Boat Launch - Forest Service/Other
-  Information
-  Nature Viewing Area
-  Lookout Tower - Recreation/Administrative
-  Hospital
-  Airport, Landing Strip
-  Heliport/Helipad
-  Forest Headquarters
-  Ranger District Office
-  Fire Station/Other Facility
-  Downhill Skiing/Winter Recreation Area
-  School
-  Church
-  Tank
-  Pit, Mine, Prospects
-  Located Landmark Object
-  Land Grant Monument
-  Building
-  Cemetery
-  Road Barrier
-  Gate
-  Spring
-  Gaging Station
-  Well
-  Waterfall
-  Windmill

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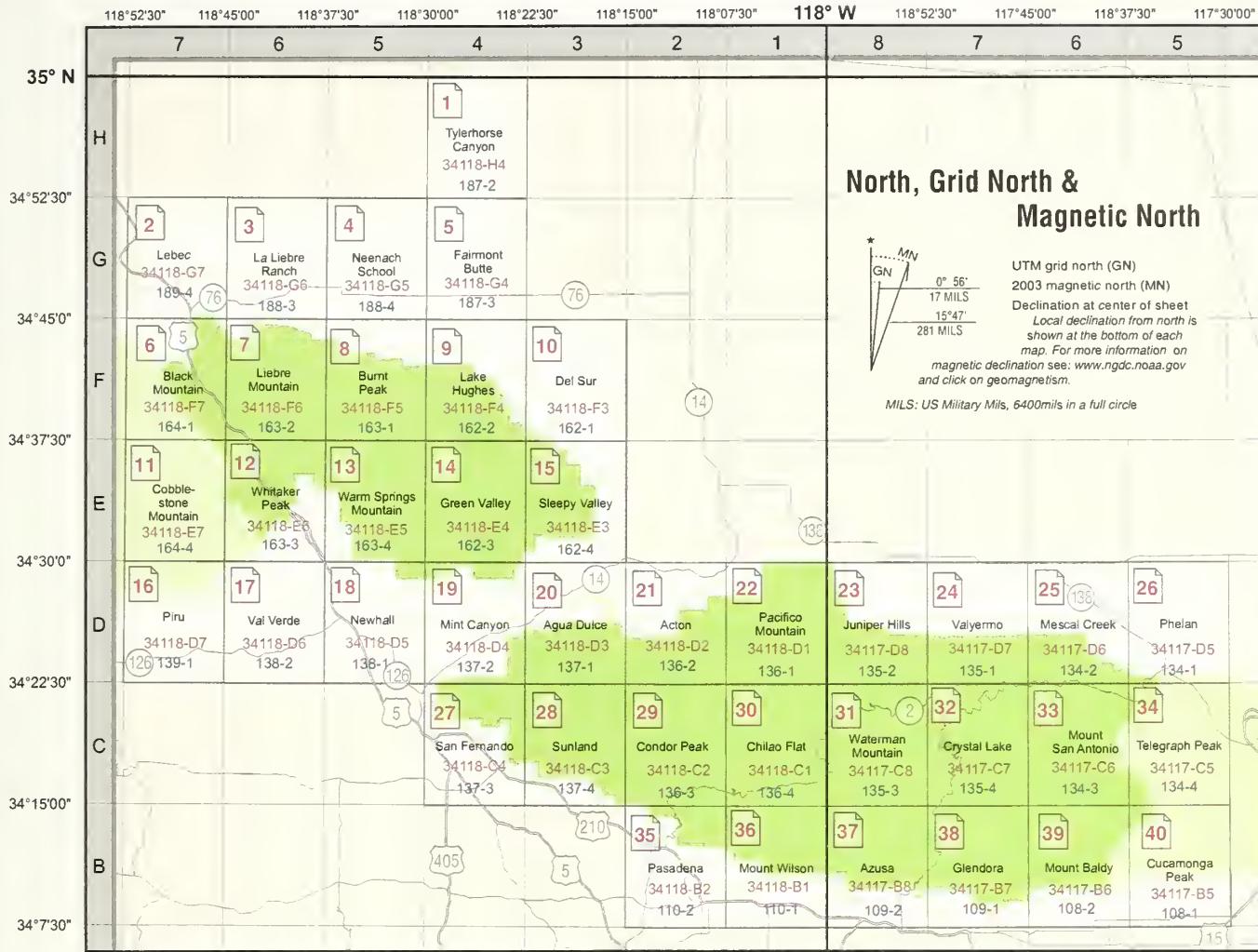
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Produced and Printed 2005. Minor revisions 2009.

ANGELES NATIONAL FOREST INDEX

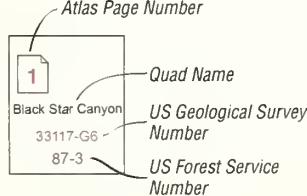
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Using this Atlas

Quad
Labeling



Forest Service Number:

This numbering system is based on 15° quadrangles, starting in the south-eastern corner of the state and progressing from east to west, then south to north across the state. Each of these is sub-divided into quarters, numbered counterclockwise from the NorthEast quadrant.

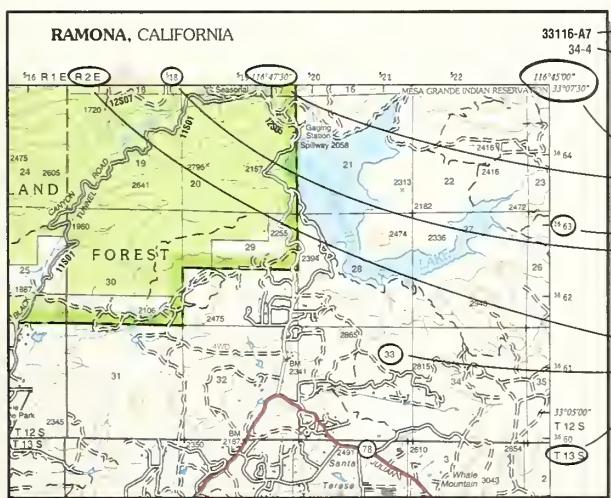
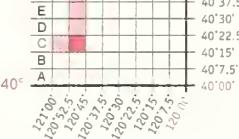
2	1	2	1	2	1
<u>12</u>		<u>11</u>		<u>10</u>	
3	4	3	4	3	4

USGS Number: 40120-C7

latitude (40),
longitude (120),
grid coordinate (C7):

	8	7	6	5	4	3	2	1
H								
G								
F								

41°00'
40°52.
40°45'



COORDINATES

- corners
- 2'5" ticks

UTM (Zone 11)
— Eastings ($^{\circ}63\ 000$ meters East)
— Northings ($518\ 000$ meters North)

**Township, Range, & Section
(Public Land Survey)**

Range Each township is divided into 36 one-square-mile sections. These sections
Section are numbered in gray squares on the map (See diagram - right). Unsurveyed sections or portions of sections are called "protraction blocks".
Township These protraction blocks are numbered sequentially, starting with 37 (PB 37, PB 38, PB 39,...)

	R 12 E	R 13 E	R 14 E	Section Numbers
T 25 N				6 - 5 - 4 - 9 - 2 - 1
T 24 N				7 - 8 - 9 - 10 - 11 - 12
T 23 N				13 - 17 - 16 - 15 - 14 - 13
				19 - 20 - 21 - 22 - 23 - 24
				30 - 29 - 28 - 27 - 26 - 25
				31 - 32 - 33 - 34 - 35 - 36



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ANGELES NATIONAL FOREST ATLAS

To report an emergency, dial 911

To report a Forest Fire, dial Forest Dispatcher: (619) 557-5262 (24 hrs)

Angeles National Forest Contacts

Forest Supervisor's Office

701 North Santa Anita Avenue
Arcadia, CA 91006

ph: (626) 574-1613

fax: (626) 574-5233

CRS: (800) 735-2929

Santa Clara/Mojave Rivers Ranger District

28245 Avenue Crocker, Suite 220
Valencia, CA 91355

ph: (661) 296-9710

CRS: (800) 735-2929

Los Angeles River Ranger District

12371 N. Little Tujunga Canyon Road
San Fernando, CA 91342

ph: (818) 899-1900

fax: (818) 896-6727

CRS: (800) 735-2929

San Gabriel River Ranger District

110 North Wabash Avenue
Glendora, CA 91741

ph: (626) 335-1251

fax: (626) 914-3790

CRS: (800) 735-2929

Angles National Forest Website

www.fs.fed.us/r5/angeles

Chilao Visitor Center
Angeles Crest Highway (HWY 2)
La Canada, CA 91011
(626) 796-5541

Mt. Baldy Visitor Center
Mt. Baldy Road
Mt. Baldy, CA 91759
(909) 982-2829
Daily 8:00 am - 4:30 pm

Grassy Hollow Visitor Center
Angeles Crest Highway (HWY 2)
Wrightwood, CA 92397
(626) 821-6737
Open weekends

Clear Creek Information Center
Angeles Crest Highway (HWY 2)
La Canada, CA 91011
(626) 821-6764
Daily 8:00 am - 4:30 pm

Big Pines Information Center
Angeles Crest Highway (HWY 2)
Wrightwood, CA 92397
(760) 249-3504
Daily 8:00 am - 4:30 pm

Other Information Numbers

National Recreation Reservation System:
(877) 444-6777

National Weather Service
www.nws.noaa.gov

Caltrans Highway Conditions
(800) 427-7623

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